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Sequence 1104, Ap Sequence 1342, Ap Sequence 16305, A Sequence 4945, Ap Sequence 1675, A Sequence 1, Appli Sequence 1, Appli Sequence 10899, A Sequence 1932, Ap Sequence 1332, Ap Sequence 1332, Ap Sequence 134, Appl Sequence 134, Appl
                                                                                                                                                   6, 2004, 13:59:56; Search time 580.121 Seconds (without alignments) 9931.007 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Published Applications NA:*

1. /cgn2 6/ptodata/1/pubpna/USO7_PUBCOMB.seq:*
2. /cgn2 6/ptodata/1/pubpna/USO6_NEW PUB.seq:*
3. /cgn2 6/ptodata/1/pubpna/USO6_NEW PUB.seq:*
4. cgn2 6/ptodata/1/pubpna/USO6_NEW PUB.seq:*
5. /cgn2 6/ptodata/1/pubpna/USO7_NEW PUB.seq:*
6. /cgn2 6/ptodata/1/pubpna/USO7_NEW PUB.seq:*
7. cgn2 6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
8. /cgn2 6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
9. /cgn2 6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
10. /cgn2 6/ptodata/1/pubpna/USO9_PUBCOMB.seq:*
11. /cgn2 6/ptodata/1/pubpna/USO9_PUBCOMB.seq:*
12. /cgn2 6/ptodata/1/pubpna/USO9_PUBCOMB.seq:*
13. /cgn2 6/ptodata/1/pubpna/USO9_NEW_PUB.seq:*
14. /cgn2 6/ptodata/1/pubpna/USO9_NEW_PUB.seq:*
15. /cgn2 6/ptodata/1/pubpna/USO0_NEW_PUB.seq:*
16. /cgn2 6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*
17. /cgn2 6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*
18. /cgn2 6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*
19. /cgn2 6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*
19. /cgn2 6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*
19. /cgn2 6/ptodata/1/pubpna/USO0_NEW_PUB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-918-925-3342

US-09-984-764-16305

US-09-983-965-4945

3 US-10-424-599-16675

3 US-10-620-514-4

3 US-10-620-514-1

3 US-10-424-599-10899

7 US-10-424-593-10899

10S-10-424-539-10899

10S-10-424-539-10899

10S-10-424-533-10899

10S-09-849-243-133

10S-09-849-243-133
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 1.0
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Perfect score:
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Sequence 15, Appl Sequence 15, Appl Sequence 17, Appl Sequence 1748, Ap Sequence 60, Appl Sequence 60, Appl Sequence 61, Appl Sequence 11141, Ap Sequence 11655, A Sequence 1155, Appl Sequence 1155, Appl Sequence 1151, Appl Sequence 151, Appl Sequence 1725, A Sequence 1893, Appl Sequence 22908, A Sequence 1893, Appl Sequence 27295, A Sequence 27295, Appl Sequence 27295, Appl Sequence 10819, Appl Sequence 10819, Appl Sequence 10819, Appl Sequence 10819, Appl Sequence 10819, Appl Sequence 25238, Appl Sequence 25238, Appl Sequence 25238, Appl Sequence 25238, Appl	475, 475, 16,
US-09-842-846-491 US-09-849-243-15 US-09-849-243-15 US-09-849-243-15 US-09-849-243-15 US-09-846-9854 US-10-139-937-60 US-10-139-937-60 US-10-139-563-60 US-10-159-563-60 US-09-814-353-11414 US-09-814-353-11455 US-09-814-353-11655 US-09-814-353-11655 US-09-814-353-11655 US-09-814-353-11655 US-10-425-114-11473 US-10-087-192-1699 US-10-089-2704-89 US-10-059-366-22908 US-10-059-366-22908 US-10-136-9493-27295 US-10-136-9487-418 US-10-10-188-946-10819 US-10-128-846-10819 US-10-425-314-26238 US-10-425-314-26238	-10-655-739 -10-037-270 -10-117-722 -10-473-670
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ALIGNMENTS

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109 GCTCCCAGGCTCGCTTCAACTGCACCGTCTCCCAGGGCTGGAAGCTCATGTGGGGCTC 168
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                                                                           APPLICATE HISTORIES RESERVED INSTITUTE
TITLE OF INVENTION: No. US20030236392Alel full length cDNA
TITLE OF INVENTION: No. US20030236392Alel
CURRENT APPLICATION NUMBER: US/10/104,047
CURRENT FILING DATE: 2002-03-25
PRIOR FILING DATE:
NUMBER: OF SEQ ID NOS: 4096
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                     Ξ.
                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
                 ; Sequence 1104, Application US/10104047; Publication No. US20030236392A1; GENERAL INFORMATION;
                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches 1126; Conservative
                                                                                                                                                                                                                                                                                                            TYPE: DNA
CRGANISM: Homo sapiens
US-10-104-047-1104
                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity
US-10-104-047-1104
                                                                                                                                                                                                                                                                     SEQ ID NO 1104
LENGTH: 2051
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1139 CAGTCCTGAGAAGGTCAGTAATACAACTGTAGTATAG 1175

174 CAAATCCTGTGAATCCAGTGATCCTGAACAAAGAAACAGTAGCTGTGGCCCTCCTCACCA 1019 CABATCCTGTGAATCCAGTGATCCTGAACAAGAAACAGTAGCTGTGGCCCTCCTCACCA

173

54 ACTITITAAGGAAATCIGAAAAAGGAGAAGAACAAACAAAGAAACIGAGAAAGGGAAA

899 ATTTCAAAAGAAATCTGAAAAAGAGAGACAAACAAAGAAACTGAGACAGAAAGTGGAAA

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Query Match 22.9%; Score 269; DB 10;
Best Local Similarity 98.2%; Pred. No. 1.9e-71;
Matches 272; Conservative 0; Mismatches 5;
  CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: US/09/235,076
PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 3342
                                                                                                                                                                 ; LOCATION: (1)...(474)
; OTHER INFORMATION: n = A,T,C or
US-09-918-995-3342
                                                                                                            TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                    NAME/KEY: misc feature
                                                                                                  LENGTH: 474
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TCGCTGAGAATGAACCTTGTGAAGTTACTTGTCTACCCTCACACTGGACCCCGGCTCCCGG
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                                        TGGAGCCCAGTGATTCGGGGAACATCAGATGCAGCCTCCAGAACAGTCGCCTGCATGGAT
                                                                                             CTGCTTACCTTACCGTCCAAGTTATGGGAGGCTGTTCATTCCCAGTGTTAATCTTGTAG
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Sequence 16305, Application US/09864761
Sequence 16305, Application US/09864761
Sequence 16305, Application US/09864761
Sequence 16305, Application US/09864761
GENERAL INFORMATION:
Sharron G.
SAPELICANT: Rank, David R.
APPLICANT: Rank, David R.
APPLICANT: Rank, David R.
TILLE OF INVENTION: HUMBER US
TILLE OF INVENTION: HUMBER: US/09/864,761
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT APPLICATION NUMBER: US/09/064,761
CURRENT APPLICATION NUMBER: US/09/064,761
CURRENT APPLICATION NUMBER: US/09/064,766
FRIOR FILING DATE: 2000-08-03
FRIOR PLING DATE: 2000-08-03
FRIOR PLING DATE: 2000-08-03
FRIOR PLING DATE: 2000-09-027
FRIOR PLING DATE: 2000-09-027
FRIOR PLING DATE: 2000-09-027
FRIOR PLING DATE: 2000-09-027
FRIOR APPLICATION NUMBER: US/09/26,356
FRIOR PLING DATE: 2000-01-09
FRIOR APPLICATION NUMBER: PCT/US01/00666
FRIOR APPLICATION NUMBER: PCT/US01/00666
FRIOR APPLICATION NUMBER: PCT/US01/00666
FRIOR PRING DATE: 2001-01-30
FRIOR FILING DATE: 2001-01-30
FRIOR FILING DATE: 2001-01-30
FRIOR PLING DATE: 2001-01-30
FRIOR FILING DATE: 2001-01-30
                           330
294 CAGTCCTGAGAAGGTCAGTAATACAACTGTAGTATAG
                                                                                                                       RESULT 3
US-09-864-761-16305
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Sequence 3342, Application US/09918995
Publication No. US2003007362341
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-756

RESULT 2 US-09-918-995-3342

```
APPLICANT: Attar, Ricardo M.
APPLICANT: Bol, David K.
APPLICANT: Gottardis, Marco
APPLICANT: Mockhtiar, Kasim
APPLICANT: Rowley, Ronald B.
APPLICANT: Rowley, Ronald B.
APPLICANT: NOW COSTROWSKY, Jacobk
APPLICANT: OSTROWSKY, Jacobk
APPLICANT: OSTROWSKY, MORALD B.
APPLICANT: OSTROWSKY, Jacobk
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APPLICANT: Lavaria David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPRESENCE: 38-21 (53.23.8)
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
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                                                                                                                               Length 398;
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1. Similarity 73.0%; Pred. No. 0.00026;
65; Conservative 0; Mismatches 24;
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US-10-424-599-16675
       ) OTHER INFORMATION: Clone ID: 26-LIB34-017-Q1-E1-G9
US-09-983-965-4945
                                                                                                                                                                                                     903
                                                                                                                        Score 142; DB 9;
Pred. No. 1.5e-32;
0; Mismatches 60
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                                                                                                                               Query Match
Best Local Similarity 74.8%;
Matches 178; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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LENGTH: 775
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; Sequence 4945, Application US/09983965
; Patent No. US20020137160A1
; GENERAL INFORMATION:
APPLICANT: Tao, Nengbing
APPLICANT: Tao, Nengbing
APPLICANT: Byatt, John C.
APPLICANT: Mathialagan, Nagapan
TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND
TITLE OF INVENTION: NUCLEIC ACID AND FAT DEPOSITION
FILE REFERENCE: 37-21(10297) C
CURRENT FILING DATE: 1999-12-15
PRIOR APPLICATION NUMBER: US 09/465,231
PRIOR APPLICATION NUMBER: US 60/113,678
PRIOR APPLICATION NUMBER: US 60/113,678
PRIOR FILING DATE: 1999-12-17
NUMBER OF SEQ ID NOS: 5912
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CTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.9
US-09-864-761-16305
PRIOR APPLICATION NUMBER: PCT/USO1/00665
PRIOR FILING DATE: 2001-01-30
PRIOR PELICATION NUMBER: PCT/USO1/00668
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR APPLICATION NUMBER: PCT/USO1/00662
PRIOR APPLICATION NUMBER: PCT/USO1/00661
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00670
PRIOR APPLICATION NUMBER: PCT/USO1/00670
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR PILING DATE: 2000-09-21
PRIOR PILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2001-01-29
NUMBER: OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers: 1.1
PLENGYEL AND
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LENGTH: 398
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FILE REFERENCE: D0287 NP
CURRENT APPLICATION NUMBER: US/10/620,514
CURRENT FILING DATE: 2003-07-16
PRIOR APPLICATION NUMBER: US 60/396,501
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PATENTH VERSION 3.2
SEQ ID NO 4
LENGTH: 2706
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Pred. No. 0.015;
0; Mismatches 45; Indels
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65.7%; Pred. No. 0.018;
iive 0; Mismatches 35; Indels
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Publication No. US20020161194A1
GENERAL INFORMATION:
APPLICANT: Pfizer Inc.
APPLICANT: Castleberry, Tessa A.
APPLICANT: Momen Thomas A.
APPLICANT: Momen Thomas A.
TITLE OF INVENTION: The Canine Androgen Receptor FILE REPERENCE: PC10893AGPR
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 2
NUMBER OF SEQ ID NOS: 2
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Best Local Similarity 61.9%;
Matches 73; Conservative
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SEQ ID NO 1
LENGTH: 3577
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APPLICANT: Bol, David K.
APPLICANT: Gottardis, Marco
APPLICANT: Mochtiar, Kasim
APPLICANT: Rowley, Ronald B.
APPLICANT: Ostrowski, Jacek
                                                                                                                                                                                                ORGANISM: Rattus norvegicus
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Rowley, Ronald B.
Ostrowski, Jacek
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US-10-620-514-1
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Best Local S
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TITLE OF INVENTION: TRANSGENIC NON-HUMAN MAMMALS EXPRESSING A REPORTER NUCLEIC ACID
TITLE OF INVENTION: UNDER THE REGULATION OF ANDROGEN RESPONSE ELEMENTS
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Publication No. US20040031072A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Zhou Yahua
APPLICANT: Zhou Yahua
APPLICANT: Can Vongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 10899
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83.6%; Pred. No. 0.017;
ative 0; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: artificial nucleic acid construct US-10-620-514-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Clone ID: PAT_MRT3847_109851C.1
US-10-424-599-10899
                                         FILE REFERENCE: DO287 NP
CURRENT APPLICATION NUMBER: US/10/620,514
CURRENT FILING DATE: 2003-07-16
FRIOR APPLICATION NUMBER: US 60/396,501
PRIOR FILING DATE: 2002-07-17
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.2
LENTH: 11004
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Sequence 61590, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
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Best Local Similarity 83.69
Matches 51, Conservative
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                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial
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Best Local Similarity
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US-10-424-599-10899/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
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APPLICANT: Liew, C.C.
TITLE OF INVENTION: Compositions and Methods Relatiing to Osteoarthritis
FILE REFERENCE: 4231/2005
CURRENT APPLICATION NUMBER: US/10/242,535A
CURRENT FILING DATE: 2002-09-12
PRIOR APPLICATION NUMBER: US 10/085,783
PRIOR APPLICATION NUMBER: US 60/305,340
PRIOR APPLICATION NUMBER: US 60/305,340
PRIOR PILING DATE: 2001-07-13
PRIOR PILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/275,017
PRIOR PILING DATE: 2001-07-28
PRIOR PILING DATE: 2001-02-28
NUMBER OF SEQ ID NOS: 58994
SOFTWARE: PatentIn version 3.2
SOFTWARE: PatentIn version 3.2
SOFTWARE: CONTINENT OF THE PATE OF THE P
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TITLE OF INVENTION: PURENCATION OF HIGHER ORDER TRANSCRIPTION
COMPLEXES FROM TRANSGENIC
NON-HUMAN ANIMALS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0
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COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRINT APPLICATION DATA:
APPLICATION UMBER: US/09/849,243
FILING DATE: 07-May-2001
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: HELLER, EHRMAN, WHITE & MCAULIFFE STREET: 1666 K Street, N.W., Suite 300 CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 3.8%; Score 44.8; DB 16; Best Local Similarity 81.2%; Pred. No. 0.013; Matches 52; Conservative 0; Mismatches 12;
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REGISTRATION NUMBER: 33,683
REFERENCE/DOCKET NUMBER: 38005-0148
TELECOMMUICATION INFORMATION:
TELEPHONE: (202)912-2000
TELEFRAX: (202)912-2020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Berglund, Erick
Meisterernst, Michael
Sequence 1932, Application US/10242535A Publication No. US20040013663A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 13, Application US/09849243
Patent No. US20020157127A1
GENERAL INFORMATION:
APPLICANT: Kirschbaum, Bernd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: D.C.
COUNTRY: USA
ZIP: 20006
COMPUTER READABLE FORM:
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                                                                                                    APPLICANT: ChondroGene Inc
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US-09-849-243-13/c
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TITLE OF INVENTION: Rice Mucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERBNCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
LENGTH: 1511
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Publication No. US20040037841A1

GENERAL INFORMATION:

APPLICANT: Chondrodene Inc.

APPLICANT: Chondrodene Inc.

TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis

FILE REPERENCE: 4231/2002

CURRENT FILING DATE: 2002-02-28

PRIOR APPLICATION NUMBER: US 60/305,340

PRIOR APPLICATION NUMBER: US 60/305,340

PRIOR APPLICATION NUMBER: US 60/275,017

PRIOR APPLICATION NUMBER: US 60/275,017

PRIOR FILING DATE: 2001-03-12

PRIOR FILING DATE: 2001-03-28

NUMBER OF SEQ ID NOS: 58994

SOSTWARE: PATENTIN VERSION 3.2
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Pred. No. 0.013;
0; Mismatches 12; Indels 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ) OTHER INFORMATION: Clone ID: PAT_MRT4530_63008C.1 US-10-437-963-61590
                                                                                                       Boukharov, Andrey A.
Barbazuk, Brad
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Best Local Similarity 81.2
Matches 52; Conservative
          Zhou, Yihua
Cao, Yongwei
Wu, Wei
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US-10-085-783A-1932/c
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          APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
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RESULT 12 US-10-242-535A-1932/c

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Fublication No. US20030225528A1

GENERAL INFORMATION:
APPLICANT: GENOMIC HEALTH
APPLICANT: Cromin, Maureen T.
APPLICANT: Cromin, Maureen T.
APPLICANT: Walker, Michael Graham
TITLE OF INVENTION: GENE EXPRESSION PROFILING IN BIOPSIED TUMOR TISSUES
FILE REFERENCE: 39740-0001US
CURRENT APPLICATION NUMBER: US 60/412,049
FRIOR APPLICATION NUMBER: US 60/412,049
PRIOR PLILING DATE: 2002-03-13
PRIOR PLILING DATE: 2002-03-13
PRIOR PLILING DATE: 2002-03-13
PRIOR PLILING DATE: 2002-03-13
SPIOR FILING DATE: 2002-03-13
NUMBER OF SEQ ID NOS: 384
SOFTWARE: FastSEQ for Windows Version 4.0
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81.2%; Pred. No. 0.028;
cive 0; Mismatches 12; Indels 0;
                                                                                                                                                                                                                                                                           Query Match
3.8%; Score 44.8; DB 9; Length 1310;
Best Local Similarity 81.2%; Pred. No. 0.022;
Matches 52; Conservative 0; Mismatches 12; Indels 0
                                                                                                                                                          , NAME/KEY: exon
; LOCATION: 1..1310
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-849-243-13
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INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHRACTERISTICS:
LENGTH: 1310 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity
Matches 52; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             276 GCTG 273
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                          APPLICANT: Genetics Institute, Inc.
TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL SECRETED PROTEINS
FILE REFERENCE: GIN 6400
CURRENT APPLICATION UVMBER: US/09/822,846
CURRENT FILING DATE: 2001-03-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Search completed: August 6, 2004, 19:28:58 Job time : 582.121 secs
                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/195,605
PRIOR APPLICATION NUMBER: 60/195,605
PRIOR FILING DATE: 2000-04-06
NUMBER OF SEQ ID NOS: 629
SOFTWARE: Patentin Ver. 2.0
LENGTH: 2614
Type: Nov.
                                                                               Treacy, Maurice
Agostino, Michael J.
Steininger II, Robert J.
Bowman, Michael R.
Spaulding, Vikki
Wong, Gordon G.
Collins-Racie, Lisa A. Evane
                                                                                                                                                                                                                       Fechtel, Kim
Howes, Steven H.
Resnick, Richard J.
Gulukota, Kamalakar
Graham, James R.
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                                                           Merberg, David
Treacy, Maurice
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                                                                                                                                                                                                      Clark, Hilary
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
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APPLICANT:
APPLICANT:
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                                                         APPLICANT
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Sequence 1104, Ap
Sequence 3342, Ap
Sequence 16305, A
Sequence 4445, Ap
Sequence 16675, Ap
Sequence 1, Appli
Sequence 1, Sequence 1, Appli
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Sequence 1932, Ap
Sequence 13, Appl
Sequence 336, App
                                                                                                                                    6, 2004, 13:59:56; Search time 576.665 Seconds (without alignments) 9931.007 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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1: /cgn2_6/ptodata/1/pubpna/USOT_PUBCOMB.seq:*
2: /cgn2_6/ptodata/1/pubpna/USO_NEW_PUB.seq:*
3: /cgn2_6/ptodata/1/pubpna/USO_NEW_PUB.seq:*
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19: /cgn2_6/ptodata/1/pubpna/USOT_PUBCOMB.seq:*
GenCore version 5.1.6
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US-09-918-995-3342

US-09-918-995-3342

US-09-984-761-16305

US-09-983-965-4945

US-10-424-599-16675

3 US-10-620-514-4

4 US-10-620-514-1

3 US-10-620-514-1

6 US-10-242-5558-1932

US-10-242-5558-1932
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Maximum Match 100%
Listing first 45 summaries
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US-09-822-846-491	US-09-849-243-15	US-09-849-243-14	0 - 198 -	US-09-880-107-1748	0-029-386-2	US-10-133-937-60	10-159-563-6	-09-814-3	-09-814-353-1	9-814-353-536	9-814-353-1	US-09-728-444-151	14-114	0-424-599-9	0-087-192-	US-10-029-386-22908	1-424-599-9564	1-369-4	A-9	0-342-887-4)-172-118-41	0-205-823	5-10-198-	ė	-10-424-5	-10-425-114-2	10-65	47	US-10-117-722-475	US-10-473-670-16	
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ALIGNMENTS

223 CACCTCTCAGAGGTACGACCAGGGGGGGAACTTCACCTCGGAGATGATCATCCACAATGT 282 202 CGGTTCTGGGTCTGGTAATGAAGTCATAGAAGGCCCCCAGAATGCAACAGTCTGAAGGG 262 CTCCCAGGCTCGCTTCAACTGCACGCCTCCCAGGGCTGGAAGCTCATCATGTGGGCTCT CICCCAGGCTCGCTTCAACTGCACCGTCTCCCAGGGCTGGAAGCTCATCATGTGGGCTCT 163 CAGTGACATGGTGCTAAGCGTCAGGCCCATGGAGCCCATCATCACCAATGACCGCTT CGGTTCTGGGTCTGGTAATGAAGTCATAGAAGGCCCCCCAAAATGCAAGAGTCCTGAAGGG Gaps DB 16; Length 2051; . APPLICATION TOWN TOWN TOWN TOWN TOWN THE CONTROL OF INVENTION: No. US20030236392Alel full length cDNA FILE REFERENCE: HI-A0105
CURRENT APPLICATION NUMBER: US/10/104,047
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: WUMBER: DEVICE TO NUMBER: OF SEQ 1D NOS: 4096
SOFTWARE: Patentin Ver. 2.1 4; Indels Score 1119.6; Fred. No. 0; 0; Mismatches Sequence 1104, Application US/10104047 Publication No. US2003036392A1 95.9%; Query Match
Best Local Similarity 99.6
Matches 1122; Conservative ; ORGANISM: Homo sapiens US-10-104-047-1104 GENERAL INFORMATION: US-10-104-047-1104 SEQ ID NO 1104 TYPE: DNA ORGANISM: 1 43 103 qq d g ò ò à ò

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CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: US/09/235,076
PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                       FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)...(474)

CTHER INFORMATION: n = A,T,C or G
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Matches 272; Conservative
                                                                                                             TYPE: DNA
ORGANISM: Homo sapiens
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            CACCTCTCAGAGGTACGACCAGGGGGGAACTTCACCTCGGAGATGATCATCCACAATGT
                                                                  GGAGCCCAGTGATTCGGGGAACATCAGATGCAGCCTCCAGAACAGTCGCCTGCATGGATC
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ATTICAAAAGAAATCTGAAAAAGAGAAGACAAACAAAGAAACTGAGACAGAAAGTGGAAA

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Length 474; Indels

23.0%; Score 269; DB 10; 98.2%; Pred. No. 1.2e-71; tive 0; Mismatches 5;

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TGAAAACTCCGGCTACAATTCAGATGAACAAAAGACCACAGAGACACGCTTCTCTCCCCTCC

952

1071

GCGGGCTGATCAACGTCCACCCAGGCCAGCAAGTCATCCACCAGGCTTCTTTAATCTGGC 1131

CAGTCCTGAGAAGGTCAGTAATACAACTGTAGTATAG 1168 294 CAGTCCTGAGAAGGTCAGTAATACAACTGTAGTATAG 330

234

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APPLICANT: Penn, Sharron G.
APPLICANT: Hanzel, David K.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
ITTLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
CURRENT APPLICATION NUMBER: US 60/180,312
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-06-04
PRIOR FILING DATE: 2000-06-03
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-03
PRIOR PILING DATE: 2000-09-03
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
                                                                                      Sequence 16305, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
RESULT 3
US-09-864-761-16305
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Sequence 3342, Application US/09918995
Publication No. US20330073623A1
GENERAL INFORMATION:
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OFFAINED
TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-756

RESULT 2 US-09-918-995-3342

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APPLICANT: Attar, Ricardo M.
APPLICANT: Bol, David K.
APPLICANT: Bol, David K.
APPLICANT: Gottardis, Marco
APPLICANT: Mookhtiar, Kasim
APPLICANT: Rowley, Ronald B.
APPLICANT: Ostrowski, Jacek
TITLE OF INVENTION: TRANSGENIC NON-HUMAN MAMMALS EXPRESSING A REPORTER NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: LA Rosa Thomas J
APPLICANT: La Rosa Thomas J
APPLICANT: Acvalic David K
APPLICANT: Show Yihua
APPLICANT: Show Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Boy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT APPLICATION NUMBER: US/10/424,599
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 16675
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Pred. No. 0.00024;
0; Mismatches 24; Indels 0
                                                                                                          Length 398;
                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Clone ID: PAT_MRT3847_115063C.1
US-10-424-599-16675
                                                                                                    Score 136.2; DB 9;
Pred. No. 7.3e-31;
0; Mismatches 48;
                     ; OTHER INFORMATION: Clone ID: 26-LIB34-017-Q1-E1-G9
US-09-983-965-4945
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TCACCTCTCAGAGGTACGACCAGGGGGGGAACT 254
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Publication No. US20040031072A1
GENERAL INFORMATION:
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4.3%;
Best Local Similarity 73.0%;
Matches 65; Conservative
                                                                                                    11.7%;
ilarity 77.5%;
Conservative
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                                                                                                          Query Match
Best Local Similarity
Matches 165; Conserv
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          FEATURE:
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APPLICANT: Tao, Nengbing
APPLICANT: Byatt, John A
APPLICANT: Byatt, John A
APPLICANT: Byatt, John Authialagan, Nagappan
TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND
TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION
TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION
TITLE OF INVENTION: MUMBER: US/09/983,965
CURRENT APPLICATION NUMBER: US 09/465,231
PRIOR APPLICATION NUMBER: US 60/113,678
SEQ ID NO 4945
LIBRICH: 398
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PRIOR APPLICATION NUMBER: PCT/USO1/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/USO1/00668

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/USO1/00662

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR PLING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/USO1/00670

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR PLING DATE: 2000-09-21

PRIOR PLING DATE: 2000-06-30

PRIOR FILING DATE: 2000-06-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-29

NUMBER OF SEQ ID NOS: 49117

SOPTWARE: Annomax Sequence Listing Engine vers: 1.1

SEQ ID NOS: 49117
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Best Local Similarity 96.6%; Pred. No. 1.7e-49;
Matches 201; Conservative 0; Mismatches 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: MAP TO AF121782.1
COTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL US-09-864-761-16305
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Patent No. US20020137160A1
GENERAL INFORMATION:
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FILE REFERENCE: D0287 NP
CURRENT APPLICATION NUMBER: US/10/620,514
CURRENT FILING DATE: 2003-07-16
PRIOR APPLICATION NUMBER: US 60/396,501
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.2
SEQ ID NO 4
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Publication No. US20020161194A1

GENERAL INPORMATTON:
APPLICANT: Pfizer Inc.
APPLICANT: Castleberry, Tessa A.
APPLICANT: Lu, Bihong
APPLICANT: Lu, Bihong
APPLICANT: Smock, Steven L.
TITLE OF INVENTION: The Canine Androgen Receptor
FILE REFERENCE: PC10893AGFR
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 2
CORMENDE DATE: DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 2
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; Publication No. US20040068762A1
; GENERAL INPORMATION:
; APPLICANT: Attar, Ricard M.
; APPLICANT: Gottardis, Marco
; APPLICANT: Mockhtiar, Kasim
; APPLICANT: Rowley, Ronald B.
; APPLICANT: Rowley, Ronald B.
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                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Rattus norvegicus
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Best Local Similarity
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LENGTH: 3577
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US-10-620-514-1
                                                                                                                                                                                                                  LENGTH:
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TITLE OF INVENTION: TRANSGENIC NON-HUMAN MAMMALS EXPRESSING A REPORTER NUCLEIC ACID TITLE OF INVENTION: UNDER THE REGULATION OF ANDROGEN RESPONSE ELEMENTS FILE REPERENCE: DO28 NP CURRENT APPLICATION NUMBER: US/10/620,514
CURRENT PILING DATE: 2003-07-16
PRIOR APPLICATION NUMBER: US 60/396,501
PRIOR FILING DATE: 2002-07-17
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.2
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Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERENCE: 38-21(5322)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQUENCE: CAN CONTROL OF C
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3.9%; Score 45; DB 13; Length 1097;
Best Local Similarity 83.6%; Pred. No. 0.016;
Matches 51; Conservative 0; Mismatches 10; Indels
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Sequence 61590, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 9
US-10-424-599-10899/c
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APPLICANT: ChondroGene Inc.
APPLICANT: Liew, C.C.
TITLE OF INVENTION: Compositions and Methods Relatiing to Osteoarthritis
TITLE OF INVENTION: Compositions and Methods Relatiing to Osteoarthritis
TITLE REFERENCE: 4231/2005
CURRENT FILING DATE: 2002-09-12
PRIOR APPLICATION NUMBER: US 10/085,783
PRIOR PILING DATE: 2002-09-28
PRIOR PILING DATE: 2001-07-13
PRIOR FILING DATE: 2001-07-13
PRIOR FILING DATE: 2001-03-12
PRIOR FILING DATE: 2001-03-12
PRIOR FILING DATE: 2001-03-12
PRIOR FILING DATE: 2001-03-12
PRIOR PILING DATE: 2001-03-12
PRIOR FILING DATE: 2001-03-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0;
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CURRENT APPLICATION DATA:

APPLICATION UNDER: US/09/649,243

FILING DATE: 07-May-2001

ATTORNEY/AGENT INFORMATION:

NAME: Granados, Particia D.

REGISTRATION NUMBER: 33,683

REFERENCE/DOCKET NUMBER: 33,683

TELLERAN: (202) 912-2000

TELLEPAX: (202) 912-2020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                , 0.012;
ches 12; Indels
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CORRESPONDENCE ADDRESS:
ADDRESSE: HELLER, EHRMAN, WHITE & MCAULIFFE
STREET: 1666 K Street, N.W., Suite 300
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 44.8; DE
Pred. No. 0.012
0; Mismatches
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Meisterernst, Michael
Sequence 1932, Application US/10242535A Publication No. US20040013663A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 13, Application US/09849243
Patent No. US20020157127A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              52; Conservative
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COUNTRY: USA
ZIP: 20006
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Best Local Similarity
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US-10-242-535A-1932
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US-09-849-243-13/c
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                                                                                                  APPLICANT: Boukharov, Andrey A.
APPLICANT: Boukharov, Andrey A.
APPLICANT: Li, Ping
APPLICANT: Li, Ping
APPLICANT: Li, Ping
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-65-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 61590
LENGTH: 1511
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: ChondroGene Inc.
APPLICANT: Liew, C.C.
TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
FILE REFERENCE: 4231/2002
CURRENT PELICATION NUMBER: US/10/085,783A
CURRENT FILING DATE: 2002-02-28
FRIOR APPLICATION NUMBER: US 60/305,340
FRIOR APPLICATION NUMBER: US 60/275,017
FRIOR FILING DATE: 2001-03-12
FRIOR FILING DATE: 2001-02-28
FRIOR FILING DATE: 2001-03-28
FRIOR FILING DATE: 2001-03-28
FRIOR FILING DATE: 2001-02-28
FRIOR FILING DATE: 2001-02-28
FRIOR FILING DATE: 2001-03-28
FRIOR FILING DATE: 2001-03-38
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 3.9%; Score 45; DB 17; Length 1511; Best Local Similarity 65.3%; Pred. No. 0.02; Matches 66; Conservative 0; Mismatches 35; Indels
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ilarity 81.2%; Pred. No. 0.012;
Conservative 0; Mismatches 12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ), OTHER INFORMATION: Clone ID: PAT_MRT4530_63008C.1
US-10-437-963-61590
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       Zhou, Yihua
Cao, Yongwei
Wu, Wei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
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US-10-242-535A-1932/c
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US-10-085-783A-1932
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publication No. US20030225528A1

GENERAL INPORMATION:
GENERAL INPORMATION:
APPLICANT: GENOMIC HEALTH

APPLICANT: Croim, Maureen T.
APPLICANT: Shak, Steve
APPLICANT: Kiefer, Michael C.
APPLICANT: Malker, Michael C.
APPLICANT: Malker, Michael C.
APPLICANT: Malker, Michael C.
APPLICANT: Malker, Michael Graham
ITTLE OF INVENTION: GENE EXPRESSION PROFILING IN BIOPSIED TUMOR TISSUES
FILE REFERENCE: 39740-0001US
CURRENT APPLICATION NUMBER: US/10/388,360
CURRENT FILING DATE: 2003-03-12
PRIOR APPLICATION NUMBER: US 60/412,049
PRIOR FILING DATE: 2002-09-18
PRIOR FILING DATE: 2002-03-13
NUMBER OF SEQ ID NOS: 384

SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 336
LENGTH: 1876
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81.2%; Pred. No. 0.026;
tive 0; Mismatches 12; Indels 0;
                                                                                                                                                                                                                                                  3.8%; Score 44.8; DB 9; Length 1310;
81.2%; Pred. No. 0.021;
live 0; Mismatches 12; Indels 0
                                                                                                                                                             LOCATION: 1..1310
; SEQUENCE DESCRIPTION: SEQ ID NO: 13: US-09-849-243-13
                              IENGTH: 1310 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
INFORMATION FOR SEQ ID NO: 13:
                    SEQUENCE CHARACTERISTICS:
                                                                                            TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                Query Match
Best Local Similarity 81.2%
Matches 52; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 81.2%
Matches 52, Conservative
                                                                                                                                                   NAME/KEY: exon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-388-360-336
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US-09-822-846-491/c
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Sequence 491, Application US/09822846; Publication No. US20030027139A1; GENERAL INFORMATION: APPLICANT: Jacobs, Kerneth APPLICANT: McCoy, John M.

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801 GCTGCTGCTGCTGCCGCCGTCGTTGTTGTGGCTGCAACTGCTGCTGCTGCTGTTGTTGTTTCT 860
                                                                                                                                                                                        APPLICANT: Reemick, Richard J.
APPLICANT: Rennick, Richard J.
APPLICANT: Gulukota, Kamalakar
APPLICANT: Graham, James R.
ITILE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL SECRETED PROTEINS
FILE REFERENCE: GIN 6400
CURRENT APPLICATION NUMBER: US/09/822,846
CURRENT FILING DATE: 2001-03-29
PRIOR APPLICATION NUMBER: 60/195,605
NUMBER OF SEQ ID NOS: 629
SSCYTWARE: PATENTING DATE: 2000-04-06
NUMBER OF SEQ ID NOS: 629
SSCYTRARE: PATENTING DATE: 2000-04-06
LENGTHARE: PATENTING DATE: 2000-04-06
SSCY ID NO 491
LENGTHEN OF SEQ ID NOS: 629
LENGTHEN OF SEQ ID NO 491
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Pred. No. 0.033;
0; Mismatches 17; Indels
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                                                                                      Agostino, Michael J.
Steininger II, Robert J.
Bowman, Michael R.
Spaulding, Vikki
Wong, Goordon G.
Clark, Hilary
Fechtel, Kim
Collins-Racie, Lisa A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 76.4%;
Matches 55; Conservative
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                                           Merberg, David
Treacy, Maurice
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ORGANISM: Homo sapiens
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Sequence 1342, Ap
Sequence 16305, A
Sequence 4945, Ap
Sequence 5026, Ap
Sequence 16675,
Sequence 13431, A
Sequence 43431, A
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2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
3: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
4: /cgn2_6/ptodata/1/pubpna/USO6_PUBCOMB.seq:*
5: /cgn2_6/ptodata/1/pubpna/USO6_PUBCOMB.seq:*
5: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
6: /cgn2_6/ptodata/1/pubpna/USO8_NEW_PUB.seq:*
7: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
7: /cgn2_6/ptodata/1/pubpna/USO8_PUBW_PUB.seq:*
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6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
6/ptodata/1/pubpna/US10_NBW_PUB.seq:*
6/ptodata/1/pubpna/US60_NBW_PUB.seq:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                             APPLICANT: HELIX RESEARCH INSTITUTE
TITLE OF INVENTION: No. US20030236392A1e1 full length cDNA
TITLE REFERENCE: H1-A0105
CURRENT APPLICATION NUMBER: US/10/104,047
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE:
NUMBER OF SEQ 1D NOS: 4096
SOFTWARE: PATENTIN Ver. 2.1
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Sequence 1104, Application US/10104047
Publication No. US20030336392A1
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Best Local Similarity 99.5
Matches 1130; Conservative
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ORGANISM: Homo sapiens
US-10-104-047-1104
                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 1104
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CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2010-07-30
PRIOR APPLICATION NUMBER: US/09/235,076
PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FastSEQ for Windows Version 3.0
LENGTH: 474
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Patent No. US20020048763A1
                                                                                                                                                                                                ; LOCATION: (1)...(474)
; OTHER INFORMATION: n = A,T,C or
US-09-918-995-3342
                                                                                                                                                                               NAME/KEY: misc_feature
                                                                                                                                                 ORGANISM: Homo sapiens
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US-09-864-761-16305
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Matches 273;
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Publication No. US20030073623A1
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-756
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US-09-918-995-3342
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GENERAL INFORMATION:

APPLICANT: Rank, David R.

APPLICANT: Rank, David R.

APPLICANT: Rank, David R.

APPLICANT: Rank, David R.

APPLICANT: Chen, Wensheng

TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

FILE REFERENCE: Acomica-X-1

CURRENT APPLICATION NUMBER: US 60/180,312

PRIOR PELICATION NUMBER: US 60/180,312

PRIOR PELICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-08-03

PRIOR PELICATION NUMBER: US 60/207,456

PRIOR PELICATION NUMBER: US 60/207,456

PRIOR PELICATION NUMBER: US 60/207,666

PRIOR APPLICATION NUMBER: US 60/207,666

PRIOR PELICATION NUMBER: DCT/US01/00666

PRIOR PELICATION NUMBER: PCT/US01/00667

PRIOR PELICATION NUMBER: PCT/US01/00667
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    Length 474;
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        DB 10;
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21.8%; Score 270.6; DB ilarity 98.6%; Pred. No. 3e-71; Conservative 0; Mismatches
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                                                                                                                           11.3%; Score 140.4; DB 9; Length 78.5%; Pred. No. 1e-31; Aztive 0; Mismatches 46; Indels
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APPLICANT: Engelhard, Eric K.
TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR TITLE OF INVENTION: CANCER FILE REFERENCE: 529452000122 CURRENT APPLICATION NUMBER: US/10/087,192 CURRENT PILING DATE: 2002-03-01 PRIOR APPLICATION NUMBER: US 09/747,377 PRIOR FILING DATE: 2000-12-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBT
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBT
TITLE OF INVENTION: PROM VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-756
CURRENT APPLICATION NUMBER: US/09/215,076
PRIOR APPLICATION NUMBER: US/09/235,076
PRIOR PLING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FASELSEQ for Windows Version 3.0
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4.3%; Score 53.2; DB 10;
Best Local Similarity 68.9%; Pred. No. 3.5e-05;
Matches 73; Conservative 0; Mismatches 33;
                           ; OTHER INFORMATION: Clone ID: 26-LIB34-017-Q1-E1-G9
US-09-983-965-4945
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Publication No. US20030073623A1
GENERAL INFORMATION:
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Publication No. US20020182586A1
GENERAL INFORMATION:
                                                                                                                              Query Match
Best Local Similarity 78.55
Matches 168; Conservative
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US-09-918-995-5026
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US-10-087-192-988
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FEATURE:
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APPLICANT: Warren, Wesley C.
APPLICANT: Tao, Nengbing
APPLICANT: Tao, Nengbing
APPLICANT: Byatt, John C.
APPLICANT: Byatt, John C.
TITLE OF INVENTION: NUCLEIC ACLD AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND
TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION
TITLE OF INVENTION NUMBER: US 09/983,965
PRIOR FILING DATE: 1999-12-15
PRIOR FILING DATE: 1999-12-15
NUMBER OF SEQ ID NOS: 5912
LENGTH: 398
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OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.9
             PRIOR APPLICATION NUMBER: PCT/USO1/00665
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-03-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2000-09-21
PRIOR FILING DATE: 2000-09-21
PRIOR PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
PRIOR PRIOR FILING DATE: 2000-06-30
PRIOR PRIOR FILING DATE: 2000-06-30
PRIOR PRIOR FILING DATE: 2000-06-30
PRIOR PRIOR PRIOR DATE: 2000-06-30
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Patent No. US20020137160A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 99.0
Matches 190; Conservative
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LENGTH: 401
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71.4%; Pred. No. 0.00033;
Ive 0; Mismatches 31;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 50.4; DB 13;
Pred. No. 0.00033;
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                 PRIOR PELICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-04-20
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-02-24
PRIOR PELING DATE: 2000-02-24
PRIOR PELING DATE: 1999-02-24
PRIOR PELING DATE: 1999-03-29
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-38
PRIOR PRIOR PRIOR DATE: 1999-09-38
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 299775
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71.4%;
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Best Local Similarity
Matches 80; Conserv
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Best Local
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Publication No. US20040031072A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: La Rovalic David K
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
CURRENT APPLICANTON NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
SEQ ID NO 16675
LENGTH: 775
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Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICATION TO BAVING G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
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                                                                                                                                                                                                                  Length 203264;
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                                                                                                                                                                                                                                                               45; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Clone ID: PAT_MRT3847_115063C.1
US-10-424-599-16675
                                                                                                                                                                                                                  4.3%; Score 53; DB 13;
64.0%; Pred. No. 0.0024;
tive 0; Mismatches 45
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PRIOR APPLICATION NUMBER: US 09/798,586
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 2059
SEQ ID NO 988
LENGTH: 203264
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Best Local Similarity 73.0°
Marches 65; Conservative
                                                                                                                                                                                                                  Query Match 4.3
Best Local Similarity 64.0
Matches 80; Conservative
                                                                                                                               TYPE: DNA ORGANISM: Homo sapiens
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111 GrégarcaGririccriegécrécieraAcaArraceAcaActréreGecriaAAACAAT 170
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Sequence 299775, Application US/10027632

Publication No. UG2020198371A1

GENERAL INFORMATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

TITLE OF INVENTION: Polymorphisms in the Human Genome

TITLE OF INVENTION: Delymorphisms in the Human Genome

CURRENT FILING DATE: 2002-04-30

FRICA RAPPLICATION NUMBER: US 60/198,676

FRICA RAPPLICATION NUMBER: US 60/198,676

FRICA RAPPLICATION NUMBER: US 60/193,483

FRICA RELING DATE: 2000-03-29

FRICA RAPLICATION NUMBER: US 60/185,218

FRICA RAPLICATION NUMBER: US 60/185,218

FRICA RAPLICATION NUMBER: US 60/185,388

FRICA RAPLICATION NUMBER: US 60/157,363

FRICA RAPLICATION NUMBER: US 60/156,358

FRICA RILING DATE: 1999-11-23

FRICA RILING DATE: 1999-09-08-09

FRICA RAPLICATION NUMBER: US 60/146,002
                                                                                  23 GTGGATCAGTTTCC-TAGGCTGCCATAACAAAGCACCATAACCTGGTGGCTTAGAACAAT
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US-10-027-632-201953/c
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ORGANISM: Human
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| Publication No. US20030204075A9 | General Information of US/20030204075A9 | General Information of US/20030204075A9 | General Information of US/20030204075A9 | General Information of US/200302044A0 | TITLE OF INVENTION: POLYMorphisms in the Human Genome | TITLE OF INVENTION: POLYMorphisms in the Human Genome | FILE REPERENCE: 108827.129 | CURRENT APPLICATION NUMBER: US/10/027,632 | CURRENT FILING DATE: 2002-04-30 | PRIOR PILING DATE: 2000-07-12 | PRIOR PILING DATE: 2000-07-20 | PRIOR PILING DATE: 2000-03-29 | PRIOR PILING DATE: 2000-03-29 | PRIOR PILING DATE: 2000-03-29 | PRIOR PILING DATE: 1999-11-23 | PRIOR PILING DATE: 1999-11-23 | PRIOR PILING DATE: 1999-09-28 | PRIOR PILING DATE: PAREAR OF SEQ ID NOS: 325720 | SOFTWARER PAREAR PAREA
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 10867.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
FRIOR APPLICATION NUMBER: US 60/198,066
FRIOR APPLICATION NUMBER: US 60/198,676
FRIOR APPLICATION NUMBER: US 60/198,483
FRIOR APPLICATION NUMBER: US 60/193,483
FRIOR FILING DATE: 2000-04-20
FRIOR APPLICATION NUMBER: US 60/193,483
FRIOR FILING DATE: 2000-04-29
FRIOR PELLING DATE: 2000-04-29
FRIOR PELLING DATE: 2000-04-29
FRIOR PELLING DATE: 2000-04-29
FRIOR PELLING DATE: 2000-03-29
FRIOR PELLING DATE: 2000-03-29
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                                                                                                                                                        82 GGAAAGGCATTTGCTCACGGTTCCACAAGCTGTAGGTTCTGGGTCTGGTAAT 133
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Publication No. US20030204075A9
GENERAL INFORMATION:
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LENGTH: 609
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111 GIGGAICAGTITCCTIGGGCTGCCGTAACAAATTACGACAAACTTGTGGCTTAAAACAAT 170
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: DOLYMORPHISMS in the Human Genome
FILE REFERENCE: 108827.129
CURRENT PELING DATE: 2002-04-30
CURRENT PELING DATE: 2000-07-12
PRIOR PILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-04-20
PRIOR PILING DATE: 2000-04-20
PRIOR PILING DATE: 2000-04-20
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 2000-02-3
PRIOR PILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-09-26
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR PILING DATE: 1999-09-26
PRIOR APPLICATION NUMBER: US 60/166,002
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR PILING DATE: 1999-09-26
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FASTSEQ FOR WINDOWS VEFSION 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            171 AGAAATGTATTCTCTCAAAGTTCTAGAGGCCAGAAGTCTGAGATCCAGGCAT 222
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 609;
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 50.4; DB 16;
Pred. No. 0.00033;
0; Mismatches 31;
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-109-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-09
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEC ID NOS: 325720
SEC ID NO 299775
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Publication No. US20020198371A1
GENERAL INFORMATION:
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71.4%;
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Best Local Similarity 71.45
Matches 80; Conservative
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TYPE: DNA
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                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REPERENCE: 108827.129
CURRENT APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2002-04-30
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-11-23
PRIOR PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-08-09
PRIOR FILING DATE: 1999-08-09
PRIOR FILING DATE: 1999-08-08
PRIOR FILING DATE: 1999-08-08
PRIOR FILING DATE: 1999-08-08
PRIOR FILING DATE: 1999-08-08-09
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| Sequence 134169, Application US/10027632
| Publication No. US20020198371A1
| GENERAL INFORMATION:
| APPLICAMY: Wang, David G.
| TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
| TITLE OF INVENTION: Polymorphisms in the Human Genome
| FILE REFERENCE: 108827.1.29
| CURRENT RILING DATE: 2002-04-30
| PRIOR PILING DATE: 2000-07-12
| PRIOR PILING DATE: 2000-07-12
| PRIOR APPLICATION NUMBER: US 60/198,676
| PRIOR PILING DATE: 2000-07-20
| PRIOR APPLICATION NUMBER: US 60/193,483
| PRIOR FILING DATE: 2000-03-29
| PRIOR PILING DATE: 2000-03-29
| PRIOR PILING DATE: 2000-03-29
| PRIOR PILING DATE: 2000-03-29
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158 GCAACAGTCCTGAAGGGCTCCCAGGCTCGCTTCAACTGCACCGTCTCCCAGGGCT 212
                                                              328 ACTCTATÍCCIGGCTTCCAGACÁTTCACTTÍCTCÁCIGTGTGCTCACCCAGCGTÍ 274
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                                                                                                                                                                                                                              Sequence 201953, Application US/10027632
Publication No. US20030204075A9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 55.4
Matches 97; Conservative
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GENERALL INFURGATION:
GENERALL INFURGATION:
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 10827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT APPLICATION NUMBER: US 60/18,006
PRIOR APPLICATION NUMBER: US 60/18,676
PRIOR FILING DATE: 2000-07-12
PRIOR FILING DATE: 2000-07-24
PRIOR FILING DATE: 2000-03-29
PRIOR PELLOR NUMBER: US 60/185,218
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR APPLICATION NUMBER: US 60/185,38
PRIOR PELLOR DATE: 2000-03-24
PRIOR PELLOR DATE: 1999-11-23
PRIOR PELLOR DATE: 1999-11-23
PRIOR PELLOR DATE: 1999-11-23
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-09
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEC ID NOS: 325720
SOFTWARE: Fastere
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       114 TGCATTAGTCCCTGGGGCTGCCATAACAAAGCACCACAAACGGGAGGCTTAAAAACAACAG
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Pred. No. 0.00057;
0; Mismatches 24; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                             Length 606;
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                                                                                                                                                                                                                                                                                                                                                                                          4.0%; Score 49.6; DB 13; 72.7%; Pred. No. 0.00057; ive 0; Mismatches 24;
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR PELING DATE: 1999-10-23
PRIOR PILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR PILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: PESESEQ for Windows Version 4.0
SEQ ID NO 134169
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Best Local Similarity 72.73
Matches 64; Conservative
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Best Local Similarity
Matches 64; Conserv
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US-10-027-632-134169
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                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Human
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Search completed: August 6, 2004, 19:29:01 Job time: 614.213 secs

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Sequence 29,
Sequence 33,
Sequence 1, A
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// cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
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Copyright (c) 1993 - 2004 Compugen Ltd.
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US-08-977-767-3

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US-08-374-834-16

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US-09-077-955-1

US-09-062-365-1

US-09-651-200-4

US-09-651-200-4

US-09-651-200-4

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Perfect
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Sequence 19, Appl	Sequence 21, Appl	Sequence 6, Appl:	Sequence 3, Appl	Sequence 2, Appl	Sequence 13, App.	Sequence 22, App.	Sequence 22, App.	Sequence 67, App	Sequence 6, Appl	Sequence 6, Appl:	Sequence 2, Appl	Sequence 20, App.	Sequence 17, App.	Sequence 16, App.	Sequence 1, Appl:	Sequence 1, Appli	Sequence 1, Appl:
PCT-US95-08493-19	PCT-US95-08493-21	US-08-415-751-6	US-08-979-424-3	US-09-272-496-2	PCT-US95-08493-13	US-08-597-495B-22	US-09-068-051A-22	US-09-336-536-67	US-09-254-465A-6	US-07-906-349A-6	US-09-060-854B-2	US-08-482-085B-20	US-09-540-245A-17	US-09-540-245A-16	US-08-554-612C-1	US-08-659-984A-1	US-08-660-531-1
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109.5	109.5	107.5	107	107	106.5	106	106	106	106	106	106	105	105	105	104.5	104	104
28	59	30	31	32	33	34	32	36	37	38	39	40	41	42	43	44	45

ALIGNMEN

APPLICANT: Stern, David M.
APPLICANT: Stern, David M.
APPLICANT: Schmidt, Ann Marie
APPLICANT: Schmidt, Ann Marie
APPLICANT: Yan, Shi Du
TITLE OF INVENTION: TRANSCENIC MICE OVER-EXPRESSING RECEPTOR FOR ADVANCED
TITLE OF INVENTION: GLYCATION ENDPRODUCT (RAGE) AND MUTANT APP IN BRAIN AND
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 0575/62175
CURRENT APPLICATION NUMBER: US/09/638,649
CURRENT FILING DATE: 2000-08-14
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 404 18; 71 ----QRYDQGGNFT--SEMIIHNVEPSDSGNIR----CSLQNSRLHGSAYLTVQVMGELF 120 162 222 327 275 276 CRCCFCCRRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDEQKTTDTASLPPKS 333 389 70 125 EIVDSASELTA---GVPNKVGTCVSEGSYPAGTLSWHLDG------KPLVPNEKGVSV 174 KEQTRRHPETGLFTLQSELM---VTPARGGDPRPTFSCSFSPGLPRHRALRTAPIQPRVW 121 IP----SVNLVVAENEP-------CEVTCLPSHWTRLPDISWELGLLVSHSSY 231 EPVPLEEVQLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIHWMKD-----163 YFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDTGGGINI 275 -GVPLPLPPSPVILLPEIGPQDQGTYSCVATHSSHGPQESRAVSISIIE-PGEEG----223 PGVLSSLPSLGFSLPTWGKVGLGLAGTMLLT-----PTCTLTIRCCCCRRRCCGCNCC 15 EVIEGPQNATVLKGSQARFNCTVSQG---WKLIMWALSDMVVLSVRPMEPIITNDRFTS-137; --pradsvecsglerlalalengiegreraallievilwork-Length 404; 7.2%; Score 147.5; DB 4; 22.6%; Pred. No. 5.7e-05; live 40; Mismatches 114; Sequence 3, Application US/09638649 Patent No. 6563015 GENERAL INFORMATION: Conservative Best Local Similarity Matches 85; Conserv TYPE: PRT ORGANISM: Human US-09-638-649-3 US-09-638-649-3 328 367 Query Match à g 엄 δ g ò g ò ò ò

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APPLICANT: Rabizadeh, Sharroz
TITLE OF INVENTION: Proapoptotic Peptides, Dependence
TITLE OF INVENTION: Polypeptides and Methods of Use
                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PCT-US94-05277-2; Sequence 2, Application PC/TUS9405277; GENERAL INFORMATION:
                                                                                                                                                  CITY: San Diego
STATE: California
COUNTRY: United States
ZIP: 92122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 24.8
Matches 60; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             10 SGSGNEV-----
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Pred. No. 0.015;
1; Mismatches 41; Indels 33;
                                                                     Sequence 3, Application US/08977767
; Sequence 3, Application US/08977767
; Patent No. 5972684
; GENERAL INFORMATION:
    APPLICANT: Bandman, Olga
    APPLICANT: Yue, Henry
    APPLICANT: Greenwald, Sara
    APPLICANT: Corley, Neil C.
    TITLE OF INFORTION: CARBONIC ANHYDRASE VIII
    NUMBER OF SEQUENCES: 3
    CORRESPONDENCE ADDRESS:
    ADDRESSE: Incyte Pharmaceuticals, Inc.
    STREET: 3174 Porter Drive
    CITY: Palo Alto
    COUNTRY: USA
    ZIP: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: Fast-SEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/977,767
FILING DATE: Herewith
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US-09-041-886-25
Sequence 25, Application US/09041886
Patent No. 6225872
GENERAL INFORMATION:
APPLICANT: Bredesen, Dale E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/POCKET NUMBER: PF-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 650-855-0555
                  334 CESSDPEORNSSCGPP 349
                                          390 -QSEEPEAGESSTGGP 404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1345 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 6.2%;
Best Local Similarity 33.0%;
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNESS: sir
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; CLONE: 1532042
US-08-977-767-3
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220 SRIGNEAEVRILSDPGLHRQLYFLQRPSNVVAIEGKDAVLECCVS-GYPPPSFTWLRGEE 278
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APPLICANT: Jarosz, David E.
APPLICANT: Johnson, Karen
APPLICANT: Volason, Karen
APPLICANT: Vogelstein, Bert
APPLICANT: Vogelstein, Bert
APPLICANT: Zabrecky, James R.
APPLICANT: Zabrecky, James R.
APPLICANT: Zabrecky, James R.
APPLICANT: CONTENTION: Antibodies Specific for DCC Gene Product
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6.2%; Score 128; DB 3; Length 1447;
24.8%; Pred. No. 0.018;
:ive 33; Mismatches 99; Indels 5
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/041,886

FILING DATE:

CLASSIFICATION NUMBER: US/09/041,886

FILING DATE:

ATTORNEY/AGENT INFORMATION:

REGISTRATION NUMBER: 31,815

REFERENCE/DOCKET NUMBER: P-LJ 2626

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 535-9001

TELEFRAX: (619) 535-901

INFORMATION FOR SEQ ID NO: 25:

SEQUENCE CHRACTERISTICS:

LENGTH: 1447 amino acids
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0, Version #1.30
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STREET: 777 Old Saw Mill Road
                                                    CURENT ADDICATION DATA:

APPLICATION NUMBER: US/08/374,834
FILING DATE: 19-DAN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/095,658
FILING DATE: 21-JUL-1993
ATTORNEY AGENT INFORMATION:
NAME: CODert, Robert J.
                                                                                                                                                                                                                      NAME: Cobert, Robert J.
REGISTRATION NUMBER: 36,108
REFERENCE/DOCKET NUMBER: REG 19
TELECOMUNICATION INPORMATION:
TELEPHONE: (914) 345-7400
TELEPRAT: (914) 345-7721
INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 29, Application US/08644271 ; Patent No. 5814478
                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 869 amino acids
TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: unknown
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
COMPUTER: IBM PC OPERATING SYSTEM: SOFTWARE: PatentI
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US-08-644-271-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6.2%; Score 128; DB 5; Length 1447;
24.8%; Pred. No. 0.018;
tive 33; Mismatches 99; Indels 50
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Patent No. 5656473
GENERAL INFORTION:
APPLICANT: Valenzuela, et al.
TITLE OF INVENTION: NOVEL TYROSINE KINASE RECEPTOR NUMBER OF SEQUENCES: 17
CORRESPONDENCES: 17
CORRESPEER: Reqeneron Pharmaceuticals, Inc.
STREET: 777 Old Saw Mill River Road
                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05277
E: Banner, Birch, McKie & Beckett
1001 G Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                 01107.42709
                                                                                                                                                                                                                                                    FILING DATE:

ATTORNEY FAGENT INFORMATION:

NAME: KAGEN, SATA A.

REGISTRATION NUMBER: 32,141

REFERENCE/DOCKET NUMBER: 01107

TELECOMINICATION INFORMATION:

TELEPHONE: 202.508.9100

TELEPHONE: 202.508.999

TELEFA: 197430 BBMB UT

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 10591
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1447 amino acids
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Best Local Similarity 24.8%
Matches 60; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear MOLECULE TYPE: protein
                                   Washington
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CITY: Tarrytown
STATE: New York
COUNTRY: USA
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US-08-374-834-16
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                                                                           COUNTRY:
                                                          STATE:
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278 --GLYTCIATNKHGEKFSTAKAAATISIAEWSKPQKDNKGYCAQYRGEVCNAVLAKDALV 335
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 133 P-----CEVTCLPSHWTRLPDISW-ELGLLVSHSSYYFVPEPSDLQSAVSILALTPQ 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  184 SNGTLTCVAT----WKSLKARKSATVNLTVIRCPQDTGGG-----INIPGVLSSLP 230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       389 TPIPICREYCLAVKELFCAKE----WLVMEEKTHRGLYRSEMHLLSVPECSKLPSMHWDP 444
                                                                                                                                                                                                        15 EVIEGPQNATVLKGSQARFNCTVSQGWK-LIMWALSDMVVLSVRPMEPIITNDRFTSQRY
                                                                                                                                                                                                                                                                                                             74 DQGGNFTSEMIIHNVEPSDSGNIRCSLQNSRLHGSAY-LTVQVMGELFIPSVNLVVAENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             224 TFGSFVTLHCTATGIP-----VPTITWIENGNAVSSGSIQESVKDRVIDSRLQLFITKP-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           274 ----CCCRCC-----FCCRRKRGFRIQFQKKSEKEKTNKETETESGNENSGYNSDEQKT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            445 TACARLP-----HLDYNKENLKTFPP--MTSSKPSVDIPNLPSSSSSFSVS 489
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                                                                            Indels
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APPLICANT: Valenzuela, et al.
TILLE OF INVENTION: NOVEL TYROSINE KINASE RECEPTORS
TITLE OF INVENTION: AND LIGANDS
Query Match 6.1%; Score 126.5; DB 1; Best Local Similarity 20.9%; Pred. No. 0.012; Matches 86; Conservative 51; Mismatches 176;
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336 FINTSYADPERAQELLVHTAWNEL-----KVVSPVCRPAARALLCNHIFQECSPGVVP 388
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         74 DOGGNFTSEMIIHNVEPSDSGNIRCSLONSRLHGSAY-LTVQVMGELFIPSVNLVVAENE 132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           389 TPIPICREYCLAVKELFCAKE----WLVMEEKTHRGLYRSEMHLLSVPECSKLPSMHWDP 444
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      133 P-----CEVTCLPSHWTRLPDISW-ELGLLVSHSSYYFVPEPSDLOSAVSILALTPQ 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     278 --GLYTCIATNKHGEKFSTAKAAATISIAEWSKPOKDNKGYCAOYRGEVCNAVLAKDALV 335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ----CCCRCC-----FCCRRKRGFRIQFQKKSEKEKTNKETETESGNENSGYNSDEQKT 323
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Patent No. 6465422
GENERAL INFORMATION:
APPLICANT: Schmidt, Ann Marie
APPLICANT: Stefr, David
TITLE OF INVENTION: METHOD FOR INHIBITING TUMOR INVASION OR SPREADING IN A
TITLE OF INVENTION: SUBJECT
                                                                                                                                                                                                                                                                                                                                                                                                                                  -----SPLRENSRIAVLE- 171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               231 SLGFSL------PTWGKVGLGLAGTMLLTPTCTLTIRCCCCRRRCCGCN----
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                                                                                                                                                                                                                                                                                                               Length 869;
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                                                                                                                                                                                                                                                                                                             6.1%; Score 126.5; DB 4;
20.9%; Pred. No. 0.012;
tive 51; Mismatches 176;
                                                                                                                                                                                                                                                                                                                                                                                                                                     122 KITRPPINVKIIEGLKÄVLPCTTMGNPKPSVSWIKGD--
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24.1%; Pred. No. 0.006;
tive 33; Mismatches
               BARLIER APPLICATION NUMBER: PCT/US96/20696
BARLIER FILING DATE: 1996-12-13
BARLIER APPLICATION NUMBER: 08/644,271
BERLIER FILING DATE: 1966-05-10
BARLIER PLING DATE: 1995-12-15
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 55424
CURRENT APPLICATION NUMBER: US/09/062,365
CURRENT FILING DATE: 1998-04-17
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 1
FILING DATE: 1998-09-10
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 65; Conserv
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ORGANISM: Human
                                                                                                                                                                                                                                                                          US-09-077-955-33
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US-09-062-365-1
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TITLE OF INVENTION: NOVEL TYROSINE KINASE RECEPTORS AND LIGANDS FILE REFERENCE: REG195-B-PCT-US CURRENT APPLICATION NUMBER: US/09/077,955A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 869;
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20.9%; Pred. No. 0.012;
:ive 51; Mismatches 176;
                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: Fast SEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/644,271
FILING DATE: 10-MAY-1996
CLASSIFICATION DATA:
PRICATION DATE: 15-DEC-1995
ATTONNEY, ASSETT INFORMATION:
ATTONNEY, ASSETT INFORMATION:
ATTONNEY, ASSETT INFORMATION:
                                                                                                                                                                                                                                                                                                                    NAME: Cobert, Robert J
REGISTRATION NUMBER: 36,108
REFERENCE/DOCKET NUMBER: REG 195A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 914-345-7400
TELEFAX: 914-345-7721
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 869 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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hes 86; Conserva
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          COUNTRY:
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--INIPGVLSSLP 230

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15 EVIEGPQNATVLKGSQARFNCTVSQG---WKLIMMALSDMVVLSVRPMEPIITNDRFTS-

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Cy 337 SDPE 340 i : i : i : i : i : i : i : i : i : i	FRIOR FILING DATE: 1999-103-03 FRIOR PILING DATE: 1999-12-21 FRIOR FILING DATE: 1999-12-21 FRIOR FILING DATE: 1999-12-21 FRIOR FILING DATE: 2000-02-18 FRIOR FILING DATE: 2000-02-18 FRIOR FILING DATE: 2000-02-18 SOFTWARE: Patentin Ver. 2.0 SOFTWARE: Patentin Ver. 2.0 SOFTWARE: Patentin Ver. 2.0 TYPE: PRT TYPE: PRT TYPE: PRT ORGANISM: Homo sapiens US-09-651-200-4 SOFTWARE: Pred. No. 0.011; Best Local Similarity 21.2%; Pred. No. 0.011; Best Local Similarity 21.2%; Pred. No. 0.011; Matches 77; Conservative 50; Mismatches 128; Indels 109; Gap SGGNEVIEGPONATV-LKGSQARFNCTVSIMMALSDMVULSVRPME Watches 77; Conservative 50; Mismatches 128; Indels 109; Cap SGGNEVIEGPONATV-LKGSQARFNCTVSIMMALSDMVULSVRPME Db 149 SPTGAVEVQVPEDPVVALVGTDATHACSFSPEPGFSLTQLNLIMQLTDTKQLV	Qy 63 ITNDRFTSQRXDQGGNFTSEMIHNVEPSDSGNIRCSLQNSRLH Db 202HSFTEGR-DQGSAYANRTALFPDLLAQGNASLRLQRVRVADEGSFTCFV-SIRDF QY 109 AYLTVQVMGELFIPSVNLVVAENEPCEVTCLPSHWTRLPDISWELGLLV Db 257 AAVSLQVAAPYSKPSMTLEPNKDLRPGDTVTITCSSYRGYPEAEVFWQDGQGVPJI QY 160 SSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQ Db 315 VTTSQMANEQGLFDVHSVLRVULGANGTYSCLVRNPVLQQ QY 217 GGGINIPGVLSSLPYRGKKQGLGLAGTMLLTPCCCCRRRCCGCNC	Db 357 HGSVIITGQPMTFPEALWUTVGLSVCLIALLV
Db 103 BIVDSASELTAGVPNKVGTCVSEGSYPAGTLSWHLDGKPLVPNEKGVSV 151 Qy 71CGYDQGGNFTSEMITHNVEPSDSGNIRCSLQNSRLHGSAYLTVQVMGELF 120 152 KEQTRRHPETGLFTLQSELMVTPARGGDPRPTFSCSFSPGLPRHRALRTAPIQPRVW 208 Qy 121 IPSVMLVVAENEPCEVTGLPSHWTRLPDISWELGLLVSHSSY 162 Db 209 EPVPLEEVQLVVEPEGGAVAPGGTVTLTCEVPAQPSPQIHWMKD	00-2 2. Application US 6429303 NFORMATION: T: Green et al INVENTION: Poly INVENTION: Poly INVENTION: Poly ERRACE: 15966-5 APPLICATION NUMBER: 1999- PLICATION NUMBER: 1999-	SOUR WAKE: Patentin Ver. 2.0	QY 63 ITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNSRLHGS 108 101HSFTEGR-DQGSAYANRTALFPDLLAQGNASLIRQRVRVADEGSFTCFV-SIRDFGS 155 QY 109 AYLTVQVMGBLFIPSVNLVVAENEPCEVTCLPSHWTRLPDISWELGLLVSH 159 156 AAVSLQVAAPVSKPSMTLEPNKDLRPGTVTITCSSYRGYPEAEVFWQDGGCVPLTGN 213 QY 160 SSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDT 216 214 VTTSQMANEQGLFDVHSVLRVVLGANGTYSCLVRNPVLQQDA 255 QY 217 GGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLTPTCTLTIRCCCCRRRCCGCNCCC 276 Db 256 HGSVTITGQPMTFPPEALWYTVGLSVCLIALLV

same, and use of aps 17; RLHGS 108 | | | RDFGS 256 -LVSH 159 | : PLTGN 314 --QDT 216 || :QQDA 356 (SCES 336 | :| CHSDS 432 .---- 201 PMEPI 62 NCCC 276 ---- 389 ш

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336
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CVATWKSLKARKSATVNLTVIRCP----QDTGGGINIPGVL----SSLPSLGFSLPTWG 240
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     109 AYLIVQVMGELFIPSVNLV----VAENEPCEVICLPSHWIRLP--DISWELGL---LVSH 159
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                                                  ENEPCEVTCLPSHWTRLPDISWELGLLVSHSSYYFVPEPSDLQSAVSILALTPQSNGTLT 189
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         160 SSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCP---QDT
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                                                                             149 EGNNISLTCIATGREE-PTVTWR---HISPKAVGEVSEDEYLE----IQGITREQSGDYE
                                                                                                                                          201 CSAS-NDVAAPVVRVKVTVNYPPYISEARGTGVPVGQKGTLQCEASAVPSAEFQ---WY
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21.2%; Pred. No. 0.017;
tive 49; Mismatches 129;
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Patent No. 6429303
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US-09-651-200-6
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Matches 77; Conserv
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                                                                                                                                                                                                                             K 257
                                                                                                                                                                                                                                                                                   RESULT 13
US-09-651-200-6
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Sequence 3, Application US/09700397

Patent No. 6664383

APPLICANT: Ono Pharmaceutical Co., Ltd.

TITLE OF INVENTION:

TILE REPERBNUE: 061459

CURRENT APPLICATION NUMBER: US/09/700,397

CURRENT PILING DATE: 2001-01-05

PRIOR FILING DATE: 1998-05-14

PRIOR FILING DATE: 1998-05-14

PRIOR FILING DATE: 1999-05-13

NUMBER OF SEQ ID NOS: 19

SOFTWARE: PatentIn version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                      ENEPCEVICLPSHWIRLPDISWELGLLVSHSSYYFVPEPSDLQSAVSILALIPQSNGILT 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | :||: :| :| | :| | EGNNISLITCIATGRPE-PTVTWR---HISPKAVGFVSEDEYLE----IQGITREQSGDYE 169
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CVATWKSLKARKSATVNLTVIRCP----QDTGGGINIPGVL---SSLPSLGFSLPTWG 240
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          170 CSAS-NDVAAPVVRRVKVTVNYPPYISEAKGTGVPVGQKGTLQCEASAVPSAEFQ---WY
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                                                                                                                                                                                                                                                                                                                     22 NATVLKGSQARFNCTVSQGWKLIMWALSDMVVLS-----VRPMEPIITNDRFTSQRYDQ
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                                                                                                                                                                                                                                                 Ouery Match 5.9%; Score 122; DB 4; Length 313; Best Local Similarity 24.1%; Pred. No. 0.0075; Matches 58; Conservative 38; Mismatches 97; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ) NAME.KEY: misc_feature
; OTHER INFORMATION: Clone OC001 derived from human brain
US-09-700-397-3
     CURRENT APPLICATION NUMBER: US/09/700,397;
CURRENT FILING DATE: 2001-01-05;
PRIOR APPLICATION NUMBER: UP 10-131815;
PRIOR FILING DATE: 1998-05-14;
PRIOR FILING DATE: 1999-05-13;
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn version 3.0;
SQQ ID NO 4;
LENGTH: 313
                                                                             PCT/JP99/02485
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Homo sapiens
                                                                                                                                                                                                     ORGANISM: Homo sapiens
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Best Local Similarity
Matches 58; Conserv
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LENGTH: 344
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Search completed: July 30, 2004, 15:03:30 Job time : 15.896 secs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: peptide
                                                                                                            SAN FRANCISCO
CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: sin
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                                                                                                                                                                            COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ----TSEMIIHNVEPSDSGNIRCSLQNSRLHGS 108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           160 SSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCP---QDT 216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          217 GGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLTPTCTLTIRCCCCRRRCCGCNCCC 276
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 10 SGSGNEVIEGPONATV-LKGSQARFNCTVS--QGWKL----IMWALSDMVVLSVRPMEPI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                242 SPIGAVEVQVPEDPVVALVGTDATLRCSFSPEPGFSLAQINLIWQLTDTKQLV-----
                                                  Sequence 24, Application US/09651200

Sequence 24, Application US/09651200

GENERAL INFORMATION:

APPLICANT:
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; Pred. No. 0.017;
49; Mismatches 129; Indels 109;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Unknown Organism: Sequence OTHER INFORMATION: mz5020.protein from Figure 4.
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Patent No. 5864018
GENERAL INFORMATION:
APPLICANT: MORSER, MICHAEL J.
APPLICANT: HOLLANDER, DORIS A.
TITLE OF INVENTION: ANTIBODIES TO ADVANCED GLYCOSYLATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          450 HGSVTITGQPMTFPPEAL----WVTVGLSVCLIALLV---
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 5.9%;
Best Local Similarity 21.2%;
Matches 77; Conservative 4
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RESULT 14
US-09-651-200-24
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US-08-633-148-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         -----KPLVPNEKGVSV 151
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END-PRODUCT RECEPTOR POLYPEPTIDES AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                70
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ----QRYDQGGNFT--SEMIIHNVEPSDSGNIR----CSLQNSRLHGSAYLIVQVMGELF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                15 BVIEGPQNATVLKGSQARFNCTVSQG---WKLIMWALSDMVVLSVRPMEPIITNDRFTS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              253 -GVPLPLPPSPVLILPBIGPQDQGTXSCVATHSSHGPQESRAVSISIIE-PGEEG--
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                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:

ZIP: 9411.

ZIP: 9411.

COMPUTER: Floppy disk COMPUTER: IBM PC COMPAtible OPERATIOR SYSTEM: P-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/633,148

FILING DATE: 16-APR-1996

GCASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: WUREHY ESQ., MATTHEW B.
REGISTRATION NUMBER: 39,787

REGISTRATION NUMBER: 39,787

REGISTRATION NUMBER: 39,787

TELECOMMUNICATION NUMBER: 014618-005600US

TELECOMMUNICATION NUMBER: 014618-00560UUS

TELEPHONE: 014618-00560US

TELEPHONE: 014618-00560US
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                                         NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: TWO EMBARCADERO CENTER, 8TH FLOOR
STREET: TWO EMBARCADERO CENTER, 8TH FLOOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 223 PGVLSSLPSLGFSLPTWGKVGLGLAGT 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               -----PTAGSVGGSGLGT 318
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July 30, 2004, 15:02:03; Search time 40.0537 Seconds (without alignments) 2991.654 Million cell updates/sec
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2059
1 MGLVIFLHGSGSGNEVIEGP...........HPQASFNLASPEKVSNTTVV 382
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| cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*
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18: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1291235 seqs, 313682936 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                   OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                      BLOSUM62
Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                          Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Searched:
                                                                                                                                                                                  Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Sequence 3074. An	Sequence 98. Appl	Sequence 100. App	Segmence 96. April	Sequence 4. Appli	Segmence 26. April	Sequence 559. Ann	Segmence 559 App	Sequence 2. Appli	Sequence 2. Appli	Sequence 12. Appl	Sequence 12. April	584	Semience 584. App	
	ID	US-10-104-047-3074	US-10-309-290-98	US-10-309-290-100	US-10-309-290-96	US-08-755-235-4	US-10-180-410-26	US-10-184-644-559	US-10-184-634-559	US-10-312-528-2	US-10-180-410-2	US-10-312-528-12	US-10-180-410-12	US-10-206-915-584	US-10-199-670-584	US-10-201-858-584
	DB	15	16	16	16	8	14	14	14	12	14	12	14	12	12	12
	Query Match Length DB	407	390	390	404	405	633	2473	2473	592	592	594	594	708	708	708
%	Query Match	97.8	7.2	7.2	7.2	6.9	6.8	6.7	6.7	6.3	6.7	9.9	9.9	9.9	9.9	9.9
	Score	2014	147.5	147.5	147.5	142	140	138.5	138.5	138	138	136	136	136	136	136
	Result No.	1	7	e	4	ស	9	7	80	6	10	11	12	13	14	15

App	App	App	App	App	App	App	App	App	App	App	App	App	App	App	App	App	App	App	App	App	App	App	App	App	App	App	App	App	App
584.	4			584,	84,	84,	84,	84.	84,								584				584,	4			. 4			٠ ,	4
Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence
8	-10-208-024-5	8	US-10-174-581-584	-483-5	-10-176-749-5	-914-5	-10-176-	US-10-176-484-584	US-10-180-550-584	-10-183-014-5	-187-738-5	0-5	US-10-187-883-584	-10 - 194 - 3	US-10-194-460-584	US-10-194-463-584	-484-	-10-195-884-	US-10-195-896-584	-10-196-7	US-10-196-755-584	-10-196-757-5	US-10-197-704-584	US-10-197-710-584	US-10-198-758-584	-198-76	-5	US-10-199-309-584	US-10-199-313-584
12	12	12	12	12	12	12	12	12	12	12	12	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708
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136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136
16	17	18	19	20	21	22	23	24	25	56	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

ALIGNMENTS

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APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       375
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        223 PGVLSSLPSLGFSLPTWGKVGLGLAGTMLLT-----PTCTLTIRCCCCRRRCCGCNCC 275
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          276 CRCCFCCRRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDEQKITDTASLPPKS 333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     121 IP----SVNLVVAENEP------CEVTCLPSHWTRLPDISWELGLLVSHSSY 162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   163 YFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDTGGGINI 222
                                                                                                                                                                                                                                                                                                                                                                                   111 EIVDSASELTA--GVPNKVGTCVSEGSYPAGTLSWHLDG-----KPLVPNEKGVSV 159
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           160 KEQTRRHPETGLFTLQSELM---VTPARGGDPRPTFSCSFSPGLPRHRALRIAPLQPRVW 216
                                                                                                                                                                                                                                                                                                                                                                                                                                                   ----QRYDQGGNFT--SEMIIHNVEPSDSGNIR----CSLQNSRLHGSAYLTVQVMGBLF
                                                                                                                                                                                                                                                                                                                                  15 EVIEGPONATVLKGSQARFNCTVSQG----WKLIMWALSDMVVLSVRPMEPIITNDRFTS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              261 -GÜPLPPPPPPVILLPBIGPQDQGTYSCVATHSSHGPQBSRAVSISIIE-PGEEG-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            217 EPVPLEEVQLVV---BPEGGAVAPGGTVTLTCEVPAQPS-----PQIHWMKD---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  -----ptagsydgsgldtlalalgilgglgtaalligvilworr
                                                                                                                                                                                                                                                                              137;
                                                                                                                                                                                                                      Length 390;
                                                                                                                                                                                                                   7.2%; Score 147.5; DB 16; 22.6%; Pred. No. 0.00045;
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                                                                                                                                                                                                                                                                              40; Mismatches 114;
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US-10-309-290-100
is Sequence 100, Application US/10309290
publication No. US20040023241A1
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Burgess, Catherine E.
Chillakuru, Kajeev A.
Edinger, Shlomit R.
Gerlach, Valerie L.
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 98
LENGTH: 390
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Alsobrook II, John P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       334 CESSDPEORNSSCGPP 349
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Jeffers, Michael E.
Ji, Weizhen
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Miller, Charles E.
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Starling, Gary
Taupier, Raymond J
Voss, Edward Z.
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Peyman, John A.
Rastelli, Luca
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Shenoy, Suresh G.
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                                                                                                                                                                                                                                                                                    Conservative
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                                                                                                                             ORGANISM: Homo sapiens
US-10-309-290-98
                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 85; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      353
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                                                                                                           TYPE: PRT
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                                                                                                                                                                                                    SGNENSGYNSDEQKTIDTASLPPKSCESSDPEQRNSSCGPPHQRADQRPPRPASHPQASF 368
                        214 TCVATWKSLKARKSATVNLTVIRCPQDTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAG 273
                                                                                  TMLLTPICTLIIRCCCCRRRCCGCNCCCRCCRCRRKRGFRIQFQKKSEKEKTNKETETE 308
                                                                                                                                PRIOR APPLICATION NUMBER: 60/336,600
PRIOR APPLICATION NUMBER: 60/336,600
PRIOR PILING DATE: 2001-12-02
PRIOR PLING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: 60/338,285
PRIOR PLING DATE: 2001-12-07
PRIOR PLING DATE: 2001-12-17
PRIOR PLING DATE: 2001-12-17
PRIOR PLING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/341,477
PRIOR APPLICATION NUMBER: 60/341,540
PRIOR APPLICATION NUMBER: 60/342,592
PRIOR APPLICATION NUMBER: 60/342,592
PRIOR PLING DATE: 2001-12-17
PRIOR PLING DATE: 2001-12-37
PRIOR PLING DATE: 2001-12-31
PRIOR PLING DATE: 2001-12-31
PRIOR PLING DATE: 2002-04-17
PRIOR APPLICATION NUMBER: 60/373,288
PRIOR PLING DATE: 2002-04-17
PRIOR PLING DATE: 2002-04-17
PRIOR PLING DATE: 2002-04-17
PRIOR PLING DATE: 2002-05-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 21402-502A
CURRENT APPLICATION NUMBER: US/10/309,290
CURRENT FILING DATE: 2002-12-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gerlach, Valerie L.
Gorman, Linda
Gould-Rothberg, Bonnie E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Publication NO. CCC.
GENERAL INFORMATION:
APPLICANT: Alsobrook II, John P.
APPLICANT: Anderson, David W.
APPLICANT: Boldog, Ferenc L.
APPLICANT: Burgess, Catherine E.
APPLICANT: Chillakuru, Rajeev A.
APPLICANT: Edinger, Shlomit R.
APPLICANT: 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 98, Application US/10309290 Publication No. US20040023241A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Shenoy, Suresh G.
Smithson, Glennda
Starling, Gary
Taupier, Raymond J.
Voss, Edward Z.
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Jeffers, Michael E.
Ji, Weizhen
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Murphey, Ryan
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Rastelli, Luca
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Zhong, Mei
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APPLICANT:
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TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD FILE REFERENCE: 21402-502A CURRENT APPLICATION NUMBER: US/10/309,290 CURRENT FILING DATE: 2002-12-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           125 EIVDSASELTA--GVPNKVGTCVSEGSYPAGTLSWHLDG------KPLVPNEKGVSV 173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        71 ----QRYDQGGUFT--SEMIIHNVEPSDSGNIR----CSLQNSRLHGSAYLTVQVMGELF 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         121 IP----SVNLVVAENEP-------CEVTCLPSHWTRLPDISWELGLLVSHSSY 162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                7.2%; Score 147.5; DB 16; Length 404;
22.6%; Pred. No. 0.00047;
Live 40; Mismatches 114; Indels 137; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               EVIEGPONATVLKGSQARFNCTVSQG---WKLIMWALSDMVVLSVRPMEPIITNDRFTS-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           231 EPVPLEEVQLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIHWMKD----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2001-12-05
PRIOR FILING DATE: 2001-12-05
PRIOR FILING DATE: 2001-12-05
PRIOR PILING DATE: 2001-12-07
PRIOR PILING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: 60/341,346
PRIOR PLING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/341,477
PRIOR PILING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/341,590
PRIOR PILING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/344,903
PRIOR FILING DATE: 2001-12-27
PRIOR FILING DATE: 2001-12-31
PRIOR FILING DATE: 2002-04-17
PRIOR FILING DATE: 2002-04-17
PRIOR FILING DATE: 2002-04-17
PRIOR FILING DATE: 2002-05-15
                                                                                                        Gorman, Linda
Gould-Rothberg, Bonnie
Burgess, Catherine E.
Chillakuru, Rajeev A.
Edinger, Shlomit R.
Gerlach, Valerie L.
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Starling, Gary
Taupier, Raymond J.
Voss, Edward Z.
                                                                                                                                                                     Guo, Xiaojia
Jeffers, Michael E.
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Peyman, John A.
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Shenoy, Suresh G.
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Best Local Similarity 22.6%
Matches 85; Conservative
                                                                                                                                                                                                                                                                                                                                                                                               Peyman, John A
Rastelli, Luca
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-309-290-96
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 -----CEVTCLPSHWTRLPDISWELGLLVSHSSY 162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          163 YFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDTGGGINI 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     223 PGVLSSLPSLGFSLPTWGKVGLGLAGTMLLT-----PTCTLTTRCCCCRRRCCGCNCC 275
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           276 CRCCFCCRRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDEQKTTDTASLPPKS 333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              -- 375
     CURRENT APPLICATION NUMBER: US/10/309,290
CURRENT FILING DATE: 2002-12-02
PRIOR APPLICATION NUMBER: 60/336,600
PRIOR APPLICATION NUMBER: 60/336,600
PRIOR APPLICATION NUMBER: 60/341,346
PRIOR APPLICATION NUMBER: 60/341,477
PRIOR APPLICATION NUMBER: 60/341,477
PRIOR PLING DATE: 2001-12-12
PRIOR FILING DATE: 2001-12-17
PRIOR PLING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/341,540
PRIOR PLING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/342,592
PRIOR APPLICATION NUMBER: 60/342,592
PRIOR PLING DATE: 2001-12-20
PRIOR PLING DATE: 2001-12-20
PRIOR PLING DATE: 2001-12-27
PRIOR APPLICATION NUMBER: 60/334,997
PRIOR PLING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: 60/334,991
PRIOR PLING DATE: 2002-04-17
PRIOR APPLICATION NUMBER: 60/339,981
PRIOR PLING DATE: 2002-05-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       15 EVIEGPONATVLKGSQARFNCTVSQG---WKLIMWALSDMVVLSVRPMEPIITNDRFTS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                261 -GVPLPLPPSPVLILPEIGPQDQGTYSCVATHSSHGPQESRAVSISIIE-PGEEG-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 7.2%; Score 147.5; DB 16; Length 390; Best Local Similarity 22.6%; Pred. No. 0.00045; Matches 85; Conservative 40; Mismatches 114; Indels 137;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          314 -------PTAGSVGGSGLGTLALALGILGGLGTAALLIGVILWQRR-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                217 EPVPLEEVOLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIHWMKD-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           -----ORRGEERKAPENOEEEEERAELN---
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US-10-309-290-96
Sequence 96, Application US/10309290
Publication No. US20040023241A1
GENERAL INFORMATION:
APPLICANT Alabobrook II, John P.
APPLICANT: Anderson, David W.
APPLICANT: Boldog, Ferenc L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 100
LENGTH: 390
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: PRT
; ORGANISM: Homc
US-10-309-290-100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3 LVIFLHGSGSGNEVIEGPQNATVLKGSQARFNCTVSQGWKLIMWALSDMVVLSVRPMEPI 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           63 ITNDRFTSQRYDQGGNFTS---EMIIHNVEPSDSGNIRCSLQNSRLHG-SAYLTV----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   114 -- OVMGELFIPSVNLVVAENEPCEVTCLPSHWTR-LPDISW-ELGLLVSHSSYY--FVPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13 LFCFRGRAGPSPHFLQQPEDLVVLLGEEARLPCALGAYWGLVQWTKSGLALGGQR----
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APPLICANT: CARULLI, JOHN P.
APPLICANT: CARULLI, JOHN P.
APPLICANT: LUKASHIN, ALEXANDER V.
APPLICANT: KILENEN, DANIEL R.
TITLE OF INVENTION: PANCHM NUCLEIC ACIDS AND POLYPEPTIDES
TITLE OF INVENTION: PANCHM NUCLEIC ACIDS AND POLYPEPTIDES
TILE REFERENCE: A097 CIP
CURRENT APPLICATION NUMBER: US/10/180,410
CURRENT APPLICATION NUMBER: US/10/1904
PRIOR APPLICATION NUMBER: 60/213,611
PRIOR APPLICATION NUMBER: 60/213,611
PRIOR PILLING DATE: 2000-06-22
PRIOR PILLING DATE: 2000-06-22
NUMBER OF SEQ. ID NOS: 33
SOFFWARE: PALENTIN VEY: 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ;; Score 140; DB 14; Length 6;
;; Pred. No. 0.0038;
40; Mismatches 105; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Godowski, Paul J.
Gurney, Austin L.
Pan, James
Smith, Victoria
Watenabe, Colin K.
Wood, William I.
Zhang, Zemin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 24.2%;
Matches 56; Conservative 40
US20030148382A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Baker, Kevin P. APPLICANT: Chen, Jian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
, ORGANISM: Homo sapiens
US-10-180-410-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo Sapien
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                                                                                                                                                        223 PGVLSSLPSLGFSLPTWGKVGLGLAGTMLLT-----PTCTLTIRCCCCRRRCGGCNCC 275
                                                                                                                                                                                                                                                                                                                276 CRCCFCCRRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDEQKTTDTASLPPKS 333
163 YFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDTGGGINI 222
                                                    231 EPVPLEEVQLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIHWMKD-----
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APPLICANT: Schmidt, Ann Marie
APPLICANT: Schmidt, Ann Marie
APPLICANT: Schmidt, Ann Marie
APPLICANT: Wu, Jun
TITLE OF INVENTION: METHOD FOR TREATING SYMPTOMS OF DIABETES
FILE REFERENCE: 0575/50159
CURRENT APPLICATION NUMBER: US/08/755,235
CURRENT FILING DATE: 1996-11-22
NUMBER OF SEQ 1D NOS: 4
SOFTWARE: Patentin version 3.1
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US-10-180-410-26
; Sequence 26, Application US/10180410
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US-08-755-235-4
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Best Local S
Matches 86
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Gaps

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Length 633;

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APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3430R1C227
CURRENT APPLICATION NUMBER: US/10/184,644
CURRENT FILING DATE: 2002-06-28
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Sequence 559, Application US/10184644
Publication No. US20030044930A1
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US-10-180-410-2
                LENGTH: 592
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                                                                  179 ALTPQSNGTLICVATWKSLKARKSATVNLTVIRCPQDTGGGINIPGVLSSLPSLGFSLPT 238
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3430R1C217
                               Gaps
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Pred. No. 0.033;
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APPLICANT: CARULLI, JOHN P.
APPLICANT: LUKASHIN, ALEXANDER V.
APPLICANT: LUKASHIN, DANIEL R.
APPLICANT: SUN, CHAO
TITLE OF INVENTION: GP354 NUCLEIC ACIDS AND POLYPEPTIDES
THE REFERENCE: A097PCTOG454-114
CURRENT APPLICANTON NUMBER: US/10/312,528
CURRENT FILING DATE: 2002-12-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Prior Application removed - See File Wrapper or Palm NUMBER OF SEQ ID NOS: 612
                                                                                                  2274 AATTGAAGTTTCAATTAAAATTTAATATGTTTCC
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                               3; Mismatches
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PRIOR APPLICATION NUMBER: 00/213,611
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 18
SCFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 2
                                                                                                                                                                                                                                                           Sequence 559, Application US/10184634; Publication No. US20030068684A1; GENERAL INFORMATION:
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            29.5%;
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Wood, William I.
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Best Local Similarity 29.5
Matches 31; Conservative
                               31; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Smith, Victoria
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; ORGANISM: Homo Sapien
US-10-184-634-559
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              Best Local Similarity
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US-10-184-634-559
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                                                                                                                                                                                                                                                                                                                                                         65 ---DLPGWSRYWISGNAANGQHDIHIRPVELEDEASYECQATQAGLRSRPAQLHVLVPPE 121
                                                                                                                                                                                                                                                                                                                                                                                                                              114 --QVMGELFIPSVNLVVAENEPCEVICLPSHWTR-LPDISW-ELGLLVSHSSYY--FVPE 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               63 ITNDRFTSQRYDQGGNFTS---EMIIHNVEPSDSGNIRCSLQNSRLHG-SAYLTV---- 113
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                                                                                                                                                                                                                                                                                                                          63 ITNDRFTSQRYDQGGNFTS---EMIIHNVEPSDSGNIRCSLQNSRLHG-SAYLTV----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GTPGSVESTLTLTPFSHDDGATFVCRARSQALPTGRDTAITLSLQYPPEVT 227
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                                                                                                         Length 592;
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23.8%; Pred. No. 0.0052;
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APPLICANT: CARULLI, JOHN P.
APPLICANT: CARULLI, JOHN P.
APPLICANT: LUKASHIN, ALEXANDER V.
APPLICANT: KILBUR, DANIEL R.
TITLE OF INVENTION: PANCAM NUCLEIC ACIDS AND POLYPEPTIDES
FILE REFRENCE: A097 CLP
CURRENT APPLICATION NUMBER: US/10/180,410
CURRENT FILING DATE: 2002-06-24
PRIOR APPLICATION NUMBER: PCT/US01/19904
PRIOR PILING DATE: 2001-06-22
PRIOR PILING DATE: 2001-06-22
PRIOR FILING DATE: 2000-06-22
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                                                                                                       6.7%; Score 138; DB 12; 323.8%; Pred. No. 0.0052; Ative 40; Mismatches 106;
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                                                                                                                                                           55; Conservative
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SOFTWARE: Patentin Ver. 3
SEQ ID NO 2
LENGTH: 592
TYPE: PRT
ORGANISM: Homo sapiens
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                                                                                                         Query Match
Best Local Similarity
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Matches 55; Conserv
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TYPE: PRT
ORGANISM: Homo Sapien
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Publication No. US20
GENERAL INFORMATION:
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US-10-206-915-584
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GTPGSVESTLTITPFSHDDGATFVCRARSQALPTGRDTAITLSLQYPPEVT 227
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 12, Application US/10180410

Sequence 12, Application WO. US2033148382A1

GENERAL INFORMATION:

APPLICANT: SUN, CHAO

APPLICANT: CARULLI, JOHN P.

APPLICANT: LUKASHIN, ALEXANDER V.

APPLICANT: LUKASHIN, ALEXANDER V.

TITLE OF INVENTION: PANCAM NUCLEIC ACIDS AND POLYPEPTIDES

FILE REFERENCE: A097 CIP

CURRENT APPLICATION NUMBER: US/10/180,410

CURRENT APPLICATION NUMBER: 60/213,611

PRIOR FILING DATE: 2001-06-22

PRIOR FILING DATE: 2000-06-22

NUMBER OF SEQ ID NOS: 33

SOFTWARE: PATENTIN VET. 2.1
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6.6%; Score 136; DB 14; Length 59
Best Local Similarity 23.8%; Pred. No. 0.0078;
Matches 55; Conservative 40; Mismatches 106; Indels
                                                                                                                                                                                             APPLICANT: CACLLI, JOHN P.
APPLICANT: CACLLIL, JOHN P.
APPLICANT: LUKASHIN, ALEXANDER V.
APPLICANT: KILBURN, DANIEL R.
APPLICANT: SUN, CHAO
TITLE OF INVENTION: GP354 WUCLEIC ACIDS AND POLYPEPTIDES
FILE REFERENCE: A097PCT00454-114
FILE REPERENCE: A097PCT00454-114
CURRENT APPLICATION NUMBER: US/10/312,528
CURRENT FILING DATE: 2000-06-22
RUMBER OF SEQ ID NOS: 18
SOFTWARE: PLANT OF VERY SEQ ID NOS: 18
SOFTWARE: PLANT OF VERY SEQ ID NOS: 18
SOFTWARE: PLANT OF VERY SEQ ID NOS: 18
SOFTWARE: 2001-06-22
LENGTH: 594
                              Sequence 12, Application US/10312528 Publication No. US20030211517A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 12
LENGTH: 594
TYPE: PRT
COCANISM: Homo sapiens
US-10-180-410-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
                                                                                                                                                                       APPLICANT: BIOGEN, INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 55; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-180-410-12
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US-10-312-528-12
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APPLICANT: ADARG Zemin
APPLICANT: ADARG Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P4430RL0513
CURRENT APPLICATION NUMBER: US/10/206,915
CURRENT FILING DATE: 2002-01-15
PRIOR APPLICATION NUMBER: 00/65266
PRIOR APPLICATION NUMBER: 60/65266
PRIOR APPLICATION NUMBER: 60/663120
PRIOR FILING DATE: 1997-10-14
PRIOR PLING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/663120
PRIOR APPLICATION NUMBER: 60/663120
PRIOR APPLICATION NUMBER: 60/663121
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/663140
PRIOR PLILNG DATE: 1997-10-24
PRIOR FILING DATE: 1997-10-24
PRIOR PLILNG DATE: 1997-10-28
PRIOR PRILNG DATE: 1997-10-28
PRIOR PLILNG DATE: 1997-10-28
PRIOR PLILNG DATE: 1997-10-28
PRIOR PRILNG DATE: 1997-10-28
PRIOR PRINGER PRINGER: 00/663544
PRIOR PRILNG DATE: 1997-10-28
PRIOR PRINGER: 00/663541
PRIOR PRILNG DATE: 1997-10-28
PRIOR PRINGER: 00/663541
PRIOR PRINGER: 00/663541
PRIOR PRINGER: 00/663541
PRIOR PRINGER: 00/663541
                                                                                                                                                                                                                                                                                                                     114 --QVMGELFIPSVNLVVAENEPCEVTCLPSHWTR-LPDISW-ELGLLVSHSSYY--FVPE 167
                                                                                                                                                                                                                                                                                                                                                                                       122 APQVLGG---PSVSLVA--GVPANLTCRSRGDARPTPELLWFRDGVLLDGATFHQTLLKE 176
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                                                                                                                                                    63 ITNDRFTSORYDOGGNFTS---EMIIHNVEPSDSGNIRCSLONSRLHG-SAYLTV-
                                                 10 LFCFRGRAGPSPHFLQQPEDLVVLLGEEARLPCALGAYWGLVQWTKSGLALGGQR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         168 --PSDLOSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDT 216
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o. US20040029221A1
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Gurney, Austin L.
Pan, James
Smith, Victoria
Waranabe, Colin K.
Wood, William I.
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRAN
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFREENCE: P3430R1C44
CURRENT APPLICATION NUMBER: US/10/201,858
CURRENT FILING DATE: 2002-07-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 1997-10-21
PRIOR APPLICATION WUMBER: 60/063540
PRIOR FILING DATE: 1997-10-28
PRIOR PLING DATE: 1997-10-28
PRIOR PLING DATE: 1997-10-28
PRIOR PLING DATE: 1997-10-28
PRIOR PLING DATE: 1997-10-28
                                                                                                                                                                                                                                                                                                     Sequence 584, Application US/10201858
Publication No. US20040038337A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059266
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063120
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PRIOR APPLICATION NUMBER: 60/063486
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PRIOR APPLICATION NUMBER: 60/063121
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Watanabe, Colin K.
Wood, William I.
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Gurney, Austin L.
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PRIOR APPLICATION NUMBER:
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Best Local Similarity
Matches 55; Conserv
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US-10-201-858-584
68
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125 APQVLGG---PSVSLVA--GVPANLTCRSRGDARPTPELLWFRDGVLLDGATFHQTLLKE 179
                                              ---DLPGWSRYWISGNAANGQHDLHIRPVELEDEASYECQATQAGLRSRPAQLHVLVPPE 124
                                                                                                         --QVMGELFIPSVNLVVAENEPCEVTCLPSHWTR-LPDISW-ELGLLVSHSSYY--FVPE 167
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3 LVIFLHGSGSGNEVIEGPQNATVLKGSQARFNCTVSQGWKLIMWALSDMVVLSVRPMEPI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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              63 ITNDRFTSQRYDQGGNFTS---EMIIHNVEPSDSGNIRCSLQNSRLHG-SAYLTV-
                                                                                                                                                                                                     --PSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDT 216
                                                                                                                                                                                                                                   GTPGSVESTLTLTPPSHDDGATFVCRARSQALPTGRDTAITLSLQYPPEVT 230
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Pred. No. 0.0099;
40; Mismatches 106; Indels 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; DB 12; Length 708; 0.0099;
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NUMBER OF SEQ ID NOS: 612
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/199,670 CURRENT FILING DATE: 2002-07-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6.6%; Score 136; 23.8%; Pred. No. C
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PRIOR PILING DATE: 2002-01-15
PRIOR PELING DATE: 1097-09-18
PRIOR PILING DATE: 1997-09-18
PRIOR PILING DATE: 1997-09-18
PRIOR PLING DATE: 1997-09-18
PRIOR PLING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/06250
PRIOR PILING DATE: 1997-10-17
PRIOR PELING DATE: 1997-10-17
PRIOR PELING DATE: 1997-10-24
PRIOR PILING DATE: 1997-10-24
PRIOR PILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063121
PRIOR APPLICATION NUMBER: 60/063140
PRIOR PELING DATE: 1997-10-21
PRIOR PELING DATE: 1997-10-26
PRIOR FILING DATE: 1997-10-28
PRIOR PELING DATE: 1997-10-28
PRIOR PELING DATE: 1997-10-28
                                                                                                                                                                                                                                                                                                                                                                  Sequence 584, Application US/10199670 Publication No. US20040033560A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Watanabe, Colin K. Wood, William I.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 55; Conservative
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Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                                           Baker, Kevin P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Zhang, Zemin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
CORGANISM: Homo Sapien
US-10-199-670-584
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Chen, Jian
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Best Local Similarity
Matches 55; Conserv
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                                                      --QVMGELFIPSVNLVVAENEPCEVTCLPSHWTR-LPDISW-ELGLLVSHSSYY--FVPE 167
---DLPGWSRYWISGNAANGQHDLHIRPVELEDEASYECQATQAGLRSRPAQLHVLVPPE 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                113
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             67
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                                                                                                                                                          --PSDLOSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDT 216
                                                                                                                                                                                           13 LFCFRGRAGPSPHFLQQPEDLVVLLGBEARLPCALGAYWGLVQWTKSGLALGGQR-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 12; Length 708;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 584
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6.6%; Score 136; DB 1.
larity 23.8%; Pred. No. 0.0099
Conservative 40; Mismatches 10
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g ò Search completed: July 30, 2004, 15:15:38 Job time : 41.0537 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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OM protein - protein search, using sw model

July 30, 2004, 14:57:22; Search time 15.052 Seconds (without alignments) 1323.919 Million cell updates/sec Run on:

US-09-729-264-6 2077 1 MERHILTYVPEAVGSGSGNEV.......HPQASFNLASPEKVSNTTVV 386 Title: Perfect score:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table: Sequence:

389414 seqs, 51625971 residues Searched:

389414 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Issued Patents AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

8 4 7 9 8 4 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Score 128.51 128.51 128.51 128.51 127.55 127.55 127.55 124.5	74 waaaiiiiioo	Lei	BD 40 2 2 2 4 4 4 4 4	ID US-09-638-649-3 US-08-977-767-3 US-09-041-886-25 US-08-374-834-16 US-08-374-834-16 US-08-644-271-29 US-09-677-955-33 US-09-651-200-2 US-09-651-200-4	Description Sequence 3, Appli Sequence 2, Appli Sequence 2, Appli Sequence 16, Appli Sequence 29, Appli Sequence 33, Appli Sequence 1, Appli Sequence 1, Appli Sequence 4, Appli Sequence 6, Appli Sequence 6, Appli
112 113 114 118 118 118 118 118 118 118 118 118	123.5 123.1 123.1 123.1 114.5 114.5 114.5 113.5 111.5 111.5	ᠬ᠙᠙᠙᠙᠙᠙᠙᠙᠙᠙᠙᠙᠙᠙᠙ ᢧᡠᡠᡠᡠᠩᢆᠩᠩᠩᢆᡢᡠᢋᠼᠼᡃᢆᠼᢅ᠃	534 34134 13484 13484 13486 1368 1368 1368 1368 1368 316	4 4 4 C C 4 H C 4 C 4 A 4 A A C C	651-200-397-7700-397-7700-397-7700-397-979-979-979-979-979-979-979-979-979	24 4 6 4 4 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7

e 20, Appl		19,		2,	7	7	7	7	H	7	7	e 6, Appli	13,	6, 1	7	22.	22,
Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence
US-09-651-200-20	PCT-US95-08493-15	PCT-US95-08493-19	PCT-US95-08493-21	US-08-445-640-2	US-08-170-558-2	US-08-447-314-2	US-08-445-461-2	US-08-286-305A-1	US-08-441-104A-1	US-08-440-816A-1	US-09-417-381A-1	US-08-415-751-6	PCT-US95-08493-13	US-07-906-349A-6	US-09-060-854B-2	US-08-597-495B-22	US-09-068-051A-22
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5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.1	5.1	5.1	5.1	5.1
109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	107.5	106.5	106	106	105	105
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ALIGNMENTS

SULT 1 -09-638-649-3 Sequence 3, Application US/09638649 Barent No. 6563015 GENERAL INFORMATION: APPLICANT: Stern, David M. APPLICANT: Schenidt, Ann Marie APPLICANT: Wan, Shi Du TITLE OF INVENTION: USES THEREOF TITLE OF INVENTION UNMER: US/09/638,649 CURRENT APPLICATION NUMBER: US/09/638,649 CURRENT APPLICATION NUMBER: US/09/638,649 SOFTWARE: Patentin Ver. 2.1 LENGTH: 404 TYPE: PRT TYPE: PRT ORGANISM: Human	th 7.3%; Score 151; DB 4; Length 404; Similarity 23.3%; Pred. No. 2.8e-05; 90; Conservative 38; Mismatches 112; Indels 146; Gaps 19;	9 PEAVGSGSGNEVIEGPQNATVLKGSQARFNCTVSQGWKLIMWALSDMVVLSVRPMEP 65	PEIVDSASELTAGVPNKVGTCVSEGSYPAGTLSWHLDGKP 163	: IITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNSRLHGSAY 114	LVPNEKGVSVKEQTRRHPETGLFTLQSELMVTPARGGDPRPTFSCSFSPGLPRHRAL 220	LIVQVMGELFIPSVNLVVAENEPCEVTCLPSHWTRLPDISWE 156	RTAPIOPRVWEPVPLEEVQLVVEPEGGAVAPGGTVTLICEVPAQPSPQIHWM 272	LGLLVSHSSYYFVPEPSDLQSAVSILALTPQSNGTL	KDGVPLPLPPSPVLILPEIGPQDQGTYSCVATHSSHGPQESRAVSISIIE- 322	PQDTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTWLLTPTCTLTIRCCCC 269		RRRCCGCNCCCRCCFCCRKKRGFRIQFQKKSEKEKTNKETETESGNENSGYNSDEQKT 327	
RESULT 1 US-09-638-649-3 Sequence 3, Appli Sequence 3, Appli GENERAL INFORMATI APPLICANT: Sten APPLICANT: STEN APPLICANT: Yan, TITLE OF INVENTI TITLE OF INVENT	Query Match Best Local Matches 9	O.	124	99	164	115	221	157	273	217	323	270	364
RESULT Sacot	B B B	ò	qu	δy	qq	ζ	QQ	δλ	qq	٥٧	Ωp	0y	QD

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CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 2626
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-8049
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application PC/TUS9405277
GENERAL INFORMATION:
APPLICANT: Rabizadeh, Sharroz
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1447 amino acids
                                                                                                                                             STATE: California
COUNTRY: United States
ZIP: 92122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        14 SGSGNEV-----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 60; Conserv
                                                                                                            STREET: 4370 La
CITY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               233 LP 234
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ---- GC-CGTGGGAAGCGTCAGAGCCCCGTGGATGTGGA 455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      33; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  246 VGLGLAGTMLLT-PTCTLJIRCCCCRRRCCGCNCCCRC------CFCC 286
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 128.5; DB 2; Length 1345; Pred. No. 0.015;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      41; Indels
                                                             sequence 3, Application US/08977767
; Sequence 3, Application US/08977767
; Patent No. 5972684
; GENERAL INFORMATION:
APPLICANT: You, Henry
APPLICANT: You, Henry
APPLICANT: Corley, Neil C.
; TITLE OF INVENTION: CARBONIC ANHYDRASE VIII
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STRIE: CA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPUTER: TBM COMPATIBLE
COMPUTER: TBM COMPATIBLE
COMPUTER: TBM COMPATIBLE
COMPARE: FASTENG FOR Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/977,767
FILING DATE: Herewith
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ouery Match
6.2%; Score 128.5; 1
Best Local Similarity 33.0%; Pred. No. 0.011
Matches 37; Conservative 1; Mismatches
                              NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REPERROCE/DOCKET NUMBER: PF-0423 US
TELECOMMUNICATION INPORMATION:
TELEPHONE: 650-855-0555
         328 TETASLPPKSCESSDPEORNSSCGPP 353
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-041-886-25; Sequence 25, Application US/09041886; Patent No. 6235872; Patent INCRMATION: APPLICANT: Bredesen, Dale E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1345 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 650-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   414 GICTCIGI----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LIBRARY: GenBank
CLONE: 1532042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino a STRANDEDNESS:
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                                                390
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220 SRIGNEAEVRILSDPGLHRQLYFLQRPSNVVAIRGKDAVLECCVS-GYPPPSFTWLRGEE 278
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            114 YLTVQVMGELFIPSVNLVVAENEPCEVTCLPSHWTRLPDISW-ELGLLVSHSSYYFVPEP 172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  324 ELIVLVPPWFLNHPSNLYAYESMDIEFECTVS-GKPVPTVNWMKNGDVVIPSDYFQIVGG 382
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SDLOSAVSILALIPOSNGTLICVATWKSLKARKSATVNLTVIRCPODIGGGINIPGVLSS 232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |:|: || : || : || || || || || || || 383 SNLR-------VLPS 430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          279 VI------QLRSKKYSLLGG--SNLLISNVTDDDSGMYTCVVTYKNENISASA 323
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ---IEGPONATVLKGSQARFNCTVSQGW--KLIMWALSDM
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APPLICANT: Jarosz, David E.
APPLICANT: Jarosz, David E.
APPLICANT: Johnson, Karen
APPLICANT: Kinzler, Kenneth W.
APPLICANT: Vogelstein, Bert
APPLICANT: Vogelstein, Bert
APPLICANT: ApplicANT: Antibodies Specific for DCC Gene Product
NUMBER OF INVENTION: Antibodies Specific for DCC Gene Product
KUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6.2%; Score 128; DB 3; Length 1447;
24.8%; Pred. No. 0.019;
tive 33; Mismatches 99; Indels 50
TITLE OF INVENTION: Prospototic Peptides, Dependence TITLE OF INVENTION: Polypeptides and Methods of Use NUMBER OF SEQUENCES: 72 CORRESPONDENCE ADDRESS: ADDRESSE: Campbell & Flores LLP STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                    ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATCHTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,886
FILING DATE:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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; Pred. No. 0.01;
51; Mismatches 176;
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STREET: 777 Old Saw Mill Road
                                                                           APPLICATION NUMBER: US/08/374,834
FILING DATE: 19-JAN-1995
CLASSIPTCATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/095,658
FILING DATE: 21-JUL-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                 NAME: CODERT, ROBER: 36,108
REGISTRATION NUMBER: 36,108
REFERENCE/DOCKET NUMBER: REG 190A
TELECHOMUNICATION INFORMATION:
TELEPHONE: (914) 345-7400
TELEFAX: (914) 345-7721
INFORMATION FOR SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 29, Application US/08644271
; Patent No. 5814478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 20.9%;
Matches 86; Conservative 5:
                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 869 amino acids
TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: unknown

MOLECULE TYPE: protein
US-08-374-834-16
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US-08-644-271-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 6.2%; Score 128; DB 5; Length 1447; Best Local Similarity 24.8%; Pred. No. 0.019; Matches 60; Conservative 33; Mismatches 99; Indels 50
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Patent No. 5656473

GENERAL INFORMATION:
APPLICANT:
NUMBER OF SEQUENCES:
NUMBER OF SEQUENCES:
ADDRESSEE: Regeneron Pharmaceuticals, Inc.
STREET: 777 Old Saw Mill River Road
CITY: Tarrytown
STATE: USA
COUNTRY: USA
                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05277
    McKie & Beckett
                                                                                                                                                                                                                                                                                                                                                            01107.42709
                                                                                              ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                      CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: KAGAN, SATAN A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 0110;
TELECHONE: 202.508.9100
TELEFRAX: 202.508.9100
TELER: 197430 BBMB UT
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
ADDRESSEE: Banner, Birch, M
STREET: 1001 G Street, N.W.
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               : 1447 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein PCT-US94-05277-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 10591
COMPUTER READABLE FORM:
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US-08-374-834-16
                                                                               COUNTRY:
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172 -----SGSLRIHNVQKEDAGQYRCVAKNSL--GTAYSKVVKLEVEVFARILBAPESHNV 223
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                                                                                                                                                                                                                                                                                                                                                 137 P-----CEVICLPSHWTRLPDISW-ELGLLVSHSSYYFVPEPSDLQSAVSILALTPQ 187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         --INIPGVLSSLP 234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      278 --GLYTCIATNKHGEKFSTAKAAATISIAEWSKPQKDNKGYCAQYRGEVCNAVLAKDALV 335
                                                                    19 EVIEGPQNATVLKGSQARFNCTVSQGWK-LIMWALSDMVVLSVRPMEPIITNDRFTSQRY
                                                                                                                                                                                                                                                                                                                                                                                        224 TFGSFVTLHCTATGIP-----VPTITWIENGNAVSSGSIQESVKDRVIDSRLQLFITKP-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                389 TPIPICREYCLAVKELFCAKE----WLVMEEKTHRGLYRSEMHLLSVPECSKLPSMHWDP
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. 66
Indels
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APPLICANT: Valenzuela, et al.
TITLE OF INVENTION: NOVEL TYROSINE KINASE RECEPTORS
TITLE OF INVENTION: ND LIGANDS
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         188 SNGTLTCVAT----WKSLKARKSATVNLTVIRCPQDTGGG---
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Sequence 1, Application US/09062365
Sequence 1, Application US/09062365
Sequence 1, Application US/09062365
Serient No. 646542
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Schmidt, Ann Marie
APPLICANT: Stern, David
TITLE OF INVENTION: METHOD FOR INHIBITING TUMOR INVASION OR SPREADING IN A
TITLE OF INVENTION: SUBJECT
FILE REFERENCE: 55424
CURRENT APPLICATION NUMBER: US/09/062,365
CURRENT FILING DATE: 1998-04-17
NUMBER OF SEQ ID NOS: 6
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              278 --GLYTCIATNKHGEKFSTAKAAATISIAEWSKPOKDNKGYCAQYRGEVCNAVLAKDALV 335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               336 FLNTSYADPREAQELLVHTAWNEL-----KVVSPVCRPAAEALLCNHIFQECSPGVVP 388
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             137 P-----CEVTCLPSHWTRLPDISW-ELGLLVSHSSYYFVPEPSDLQSAVSILALTPQ 187
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 278 ----CCCRCC-----FCCRRKRGFRIQFQKKSEKEKTNKETETESGNENSGYNSDEQKT 327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     9 PEAVGSGSGNEVIEGPQNATVLKGSQARFNCTVSQG---WKLIMWALSDMVVLSVRPMEP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          78 DOGGNFTSEMIIHNVEPSDSGNIRCSLONSRLHGSAY-LTVQVMGELFIPSVNLVVAENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         172 -----SGSLRIHNVQKEDAGQYRCVAKOSL--GTAYSKVVKLEVEVFARILRAPESHNV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                19 EVIEGPONATVLKGSQARFNCTVSQGWK-LIMWALSDMVVLSVRPMEPIITNDRFTSQRY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  224 TEGSFVTLHCTATGIP-----VPTITWIENGNAVSGGSIQESVKDRVIDSKLQLFITKP-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ----PTWGKVGLGLAGTMLLTPTCTLTIRCCCCRRRCCGCN----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    445 TACARLP-----HLDYNKENLKTFPP--MTSSKPSVDIPNLPSSSSSSFSVS 489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       328 TETASLPPKSCESSDPEQRNSSCGPPHQRADQRP----PRPASHPQASFNLA 375
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                                                                                                                                                                                                                                                                                                                                                                             Length 869;
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                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                          6.1%; Score 127.5; DB 4;
20.9%; Pred. No. 0.01;
tive 51; Mismatches 176;
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               BARLIER APPLICATION NUMBER: PCT/US96/20696
BARLIER FILING DATE: 1996-12-13
BARLIER PILING DATE: 1996-05-10
BARLIER PILING DATE: 1996-05-10
BARLIER APPLICATION NUMBER: 60/008,657
BARLIER FILING DATE: 1995-12-15
SARLIER PILING DATE: 1995-12-15
SOFTWARE: PATENTIN OFF: 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        31;
FILING DATE: 1998-09-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                 86; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        235 SLGFSL-----
                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
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Best Local Similarity
Matches 70; Conserv
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ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                US-09-077-955-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 8
US-09-062-365-1
                                                                                                                                                                                                                            SEQ ID NO 33
                                                                                                                                                                                                                                                                              TYPE: PRT
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278 --GLYTCIATNKHGEKFSTAKAAATISIAEWSKPQKDNKGYCAQYRGEVCNAVLAKDALV 335
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DOGGNFTSEMIIHNVEPSDSGNIRCSLONSRLHGSAY-LTVQVMGELFIPSVNLVVAENE 136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               P-----CEVTCLPSHWTRLPDISW-ELGLLVSHSSYYFVPEPSDLQSAVSILALTPQ 187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SNGTLTCVAT----WKSLKARKSATVNLTVIRCPQDTGGG------INIPGVLSSLP 234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ----PTWGKVGLGLAGTMLLTPTCTLTIRCCCCRRRCCGCN---- 277
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ----CCCRCC-----FCCRRKRGFRIQFQKKSEKEKTNKETETESGNENSGYNSDEQKT 327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            224 TFGSFVTLHCTATGIP-----VPTITWIENGNAVSSGSIQESVKDRVIDSRLQLFITKP-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             19 EVIEGPQNATVLKGSQARFNCTVSQGWK-LIMWALSDMVVLSVRPMEPIITNDRFTSQRY
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Batent NO. 6413740

GENERAL INFORMATION:
APPLICANT: Valenzuela et al., David M.

ITLE OF INVENTION: NOVEL TYROSINE KINASE RECEPTORS AND LIGANDS
FILE REFERENCE: REG195-B-PCT-US
CURRENT APPLICATION NUMBER: US/09/077,955A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 869;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6.1%; Score 127.5; DB 2;
20.9%; Pred. No. 0.01;
tive 51; Mismatches 176;
                                                                                                                        CONTUIER: 150 COMPACTOR
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
FILLING DATE: 10-MAY-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 60/008,657
FILLING DATE: 15-DEC-1995
ATTORNEY/ACENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                  NAME: Cobert, Robert J
REGISTRATION NUMBER: 36,108
REFERENCE/DOCKET NUMBER: REG 195A
TELECOMMUNICATION INFORMATION:
TELEPAX: 914-345-7400
TELEFAX: 914-345-7721
                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette

AMDIUM TYPE: IBM COMPATIBLE

TOWNTHER: IBM COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 869 amino acids
TYPE: amino acid
STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: protein
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Best Local Similarity
Matches 86; Conserv
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US-08-644-271-29
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us-09-729-264-6.rai

Oy 341 SDPE 344 : : : : : : : : : : : : : : : : : : :	; Patent No. 6429303 ; GENERAL INFORMATION: ; APPLICANT: Green et al ; TITLE OF INVENTION: Polynucleotides Encoding Members of the Human B ; TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and ; TITLE OF INVENTION: Polypeptides Encoded Thereby ; FILE REFERENCE: 15966-562 (CURA-62) ; CURRENT APPLICATION NUMBER: 105/051,200 ; CURRENT FILING DATE: 2000-08-30 ; PRIOR APPLICATION NUMBER: 60/152383	PRIOR FILING DATE: 1999-09-03 PRIOR FILING DATE: 1999-01-21 PRIOR PELING DATE: 1999-12-21 PRIOR APPLICATION NUMBER: 60/183578 PRIOR APPLICATION NUMBER: 60/183578 PRIOR PILING DATE: 2000-02-18 NUMBER OF EQ ID NOS: 25 SOFTWARE: Patentin Ver. 2.0 EDGITH: 441 TYPE: PRT PRT	Duery Match 6.0%; Score 124.5; DB 4; Length 441; Best Local Similarity 21.2%; Pred. No. 0.0074; Matches 77; Conservative 51; Mismatches 127; Indels 109; Gaps 14 SGSGNEVIEGPONATV-LKGSQARFNCTVSOGWKLIMWALSDMVVLSVRPMEPI :	DB 149 SFIGAVEVQVPEDPVVALVGTDATLHCSFSPEGFSLTQLNLIWQLTDTKQLV 201 QY 67 ITNDRFTSQRYDQGGNPTSEMIIHNVEPSDSGNIRCSLQNSRLHGS 112 DB 202HSFTEGR-DQGSAYANRTALFPDLLAQGNASLRLQRVRVADEGSFTCFV-SIRDFGS 256	113 AYLTVQVMGELFIPSVNLVVAENEPCEVTCLPSHWTRLPDISWELGLLVSH 16 ::: : : : : : :	QY 154 SSITEVERENDIAGENCE TO STATE S	Db 357 HGSVTITGQPMTFPPEALWYTVGLSVCLIALLV	341 SDPE 344 : : : 433 KEDD 436	RESULT 11 US-09-651-200-6 ; Sequence 6, Application US/09651200 ; Patent No. 6429303 ; GENERAL INFORMATION: ; APPLICANT: Green et al ; TITLE OF INVENTION: Polynucleotides Encoding Members of the Human B ; TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and
	DD 199 RTAPIQPRVWEPVPLEEVQLVVEPEGGAVAPGGTVTLTCEVPAQPSPQIHWM:250 QY 157 LGLLVSHSSYYFVDEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRC 216 DD 251 KDGVPLPLPPSPVLILPEIGPQDGTYSCVATHSSHGPQESRAVSISIIE- 300 QY 217 PQDTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLL 256	RESULT 9 US-09-651-200-2 Sequence 2, Application US/09651200 Sequence 2, Application US/09651200 GENERAL INFORMATION: APPLICANT: Green et al TITLE OF INVENTION: Polynucleotides Encoding Members of the Human B TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and TITLE OF INVENTION: Polypeptides Encoded Thereby FILE REFERENCE: 15966-562 (CURA-62) CURRENT APPLICANTION NUMBER: US/09/651,200 GENERAL APPLICANTION NUMBER: US/09/651,200) NOMBER OF SEQ ID NOS: 25 SOFTWARE: Patentin Ver. 2.0 SEQ ID NO 2 LENGTH: 340 TYPE: PRT ORGANISM: Homo sapiens	-2 6.0%; Score 124.5; DB 4; Length 340; Similarity 21.2%; Pred. No. 0.0051, 7. Concernsive 51. Mismatched 137. Indel 1100. Cana	14 SGSGNEVIECPQNATV-LKGSQARFNCTVSQGWKL	Qy 67 ITNDRETSQRYDQGGNFTSEMITHNVEPSDSGNIRCSLQNSRLHGS 112	::: : : : :	221 GGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLITPTCTLTIRCCCCRRCCGCNCCC 28 221 GGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLITPTCTLTIRCCCCRRCCGCNCCC 28 256 HGSVTITGQPMTFPPEALWYTVGLSVCLIALLV

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; Sequence 4, Application US/09700397; Patent No. 6664383; GENERAL INFORMATION: , APPLICANT: One Pharmaceutical Co., Ltd. , APPLICANT: One Pharmaceutical Co., Ltd. ; TITLE OF INVENTION: No. 6664383el Polypeptides, cDNA encoding the same, and use of ; FILE REFERENCE: Q61459
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                61 RPMEPIITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQ-----NSRLHGSAY 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               164 SSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCP---QDT 220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 483 ALAFVCWRK-----IKQSCEBENAGAEDQDG------EGEGSKTALQPLKHSDS 525
                                                                                                                                                                                                                                                                                                                                                                                                     113 AYLTVQVMGELFIPSVNLV----VAENEPCEVTCLPSHWTRLP--DISWELGL---LVSH 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         221 GGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTWLLTPTCTLTIRCCCCRRRCCGCNCCC 280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 7 TVPEAVGSGSGNEVIEGPONATVLKGSQARFNCTVSQGWKLIMWALSDMVVLS-----V 60
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                                                                                                                                                                                                                                                                     14 SGSGNEVIEGPQNATV-LKGSQARFNCTVS--QGWKL----IMWALSDMVVLSVRPMEPI 66
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                                                                                                                                                                                                                                                                                                                 242 SPIGAVEVQVPEDPVVALVGIDAILRCSFSPEPGFSLAQINLIWQLIDIKQLV-----
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                                                                                                                                                                    5.9%; Score 123.5; DB 4; Length 534;
21.2%; Pred. No. 0.012;
iive 50; Mismatches 128; Indels 109;
                                                FEATURE: OTHER INFORMATION: Description of Unknown Organism: Sequence OTHER INFORMATION: mz5020.protein from Figure 4.
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23.5%; Pred. No. 0.0062;
tive 40; Mismatches 99;
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CURRENT FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: UP 10-131815
PRIOR FILING DATE: 1998-05-14
PRIOR FILING DATE: 1999-05-13
NUMBER OF SEQ ID NOS: 19
SEQ ID NO 4
SEQ ID NO 4
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 61; Conserva
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Matches 77; Conserv
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                            ORGANISM: Unknown
                                                                                                                           US-09-651-200-24
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US-09-700-397-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   113 AYLIVQVMGELFIPSVNLV----VAENEPCEVTCLPSHWTRLP--DISWELGL---LVSH 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  14 SGSGNEVIEGPONATY-LKGSQARFNCTVS--QGWKL----IMWALSDMVVLSVRPMEPI 66
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 5.9%; Score 123.5; DB 4; Length 534; Best Local Similarity 21.2%; Pred. No. 0.012; Matches 77; Conservative 50; Mismatches 128; Indels 109;
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 534;
TITLE OF INVENTION: Polypeptides Encoded Thereby; FILE REFERENCE: 15966-562 (CURA-62); CURRENT APPLICATION WINBER: US/09/651,200; CURRENT FILLING DATE: 2000-08-30; PRIOR FILLING DATE: 1999-09-03; PRIOR FILLING DATE: 1999-09-03; PRIOR APPLICATION NUMBER: 60/15209; PRIOR APPLICATION NUMBER: 60/183578; PRIOR FILING DATE: 1999-12-21; PRIOR PELING DATE: 2000-02-18; NUMBER: OF SEQ ID NOS: 25; SOFTWARE: PATENTIN VET: 2.00; SEQ ID NO 6; SEQ ID NO 6; LENGTH: 534
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      450 HGSVTITGOPMTFPPEAL----WVTVGLSVCLIALLV--
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                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Homo sapiens
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APPLICANT: Green et
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526 KEDD 529
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US-09-651-200-24
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Gaps

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---GVPLPLPPSPVLILPEIGPQDQGTYSCVATHSSHGPQESRAVSISIIE- 300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            -----CEVICLPSHWTRLPDISWE 156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   199 RTAPIOPRVWEPVPLEEVQLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIHWM 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               157 LGLLVSHSSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRC 216
END-PRODUCT RECEPTOR POLYPEPTIDES AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                9 PEAVGSGSGNEVIEGPQNATVLKGSQARFNCTVSQG----WKLIMWALSDMVVLSVRPMEP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           102 PEIVDSAS--ELTAGVPN-----KVGTCVSEGSYPAGTLSWHLDG-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 318;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     217 PODTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGT 253
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              301 PGEEG---------PTAGSVGGSGLGT 318
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      96;
                                                                                                                                                                                                                                                                                    Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5.9%; Score 122; DB 2; 24.9%; Pred. No. 0.0078;
                                                              E: TOWNSEND & TOWNSENT & CREW LLP
TWO EMBARCADERO CENTER, 8TH FLOOR
                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: WIRPHY ESO., MATTHEW B.
REGISTRATION NUMBER: 39,787
REFERENCE/DOCKET NUMBER: 014618-005600US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    30; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            115 LTVQVMGELFIP----SVNLVVAENEP----
                                                                                                                                                                                                                                                                                                                         UMBER: US/08/633,148
16-APR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Search completed: July 30, 2004, 15:03:32
Job time : 16.052 secs
                                                                                                                                                                     ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPRAX: (415) 326-2400
TELEPRAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 318 amino acids
                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    69; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                single
                    NUMBER OF SEQUENCES: 2. CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: peptide
                                                                                                          CITY: SAN FRANCISCO STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
                                                                                                                                                        COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           251 KD----
                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                         SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-633-148-4
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                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Ono Pharmaceutical Co., Ltd.
TITLE OF INVENTION: No. 6664383el Polypeptides, cDNA encoding the same, and use of
FILE REFERENCE: Q61459
                                                                                                                                       85 DPRVVLLSN---TQTQY-----SIBIQNVDVYDEGPYTCSVQTDNHPKTSRVH---- 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      115 LTVQVMGELFIPSVNLVVAENEPCEVTCLPSHWTRLPDISWELGLLVSHSSYYFVPEPSD 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                130 LIVQVSPKIVEISSDISINEGNNISLTCIATGRPE-PTVTWR---HISPKAVGFVSEDEY 185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            175 LQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCP-----QDTGGGINIPGV 229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LTVQVMGELFIPSVNLVVAENEPCEVTCLPSHWTRLPDISWELGLLVSHSSYYFVPEPSD 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   84
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 37 TFPKAM------DNVTVRQGESATLRCTIDNRVTRVAWLNRSTILYAGNDKWCL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 4, Application US/08633148
| Patent No. 5864018
| GENERAL INFORMATION:
| APPLICANT: MORSER, MICHAEL J. |
| APPLICANT: MAGNSHIMA, MARIKO |
| APPLICANT: HOLLANDER, DORIS A. |
| TITLE OF INVENTION: ANTIBODIES TO ADVANCED GLYCOSYLATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               61 RPMEPIITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQ-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; NAME/KEY: misc feature
; OTHER INFORMATĪON: Clone OC001 derived from human brain
US-09-700-397-3
                                                                                                            175 LQSAVSILALIPQSNGTLTCVATWKSLKARKSATVNLTVIRCP
                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/700,397; CURRENT FILING DATE: 2001-01-05; PRIOR APPLICATION NUMBER: UF 10-131815; PRIOR FILING DATE: 1998-05-14; PRIOR FILING DATE: 1998-05-14; PRIOR FILING DATE: 1999-05-14
                                                                                                                                                                                                                          210 LQCEASAVPSAEFQ---WYK 226
                                                                                                                                                                                                 230 L----SSLPSLGFSLPTWGK 245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 230 L----SSLPSLGFSLPTWGK 245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        241 LOCEASAVPSAEFO---WYK 257
                                                                                                                                                                                                                                                                                                                                                Sequence 3, Application US/09700397
Patent No. 6664383
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS:
SOFTWARE: Patentin v
SEQ ID NO 3
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US-08-633-148-4
                                                                                                                                                                                                                                                                                                                                US-09-700-397-3
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Sequence 3074, Application US/10104047

Sequence 3074, Application US/10104047

Publication No. US20030236392A1

GENERAL INPORMATION:

TITLE OF INVENTION: No. US20030236392A1e1 full length cDNA

FILE REFERENCE: H1-A0105

CURRENT APPLICATION NUMBER: US/10/104,047

CURRENT FILING DATE: 2002-03-25

PRIOR FILING DATE: 2002-03-25

NUMBER OF SEQ ID NOS: 4096

SOFTWARE: Patentin Ver. 2.1

LENGTH: 407
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CRGANISM: Homo sapiens
US-10-104-047-3074
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                                                                                                                                                                                July 30, 2004, 15:02:03; Search time 40.4731 Seconds (without alignments) 2991.654 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                  '(gnz 6/ptodata/1/pubpaa/US07 PUBCOMB.pep:*
'(gnz 6/ptodata/1/pubpaa/US07 NEW PUB.pep:*
'(gnz 6/ptodata/1/pubpaa/US06 NEW PUB.pep:*
'(gnz 6/ptodata/1/pubpaa/US06 PUBCOMB.pep:*
'(gnz 6/ptodata/1/pubpaa/US07 NEW PUB.pep:*
'(gnz 6/ptodata/1/pubpaa/DS08 NEW PUB.pep:*
'(gnz 6/ptodata/1/pubpaa/US08 NEW PUB.pep:*
'(gnz 6/ptodata/1/pubpaa/US08 PUBCOMB.pep:*
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'(gnz 6/ptodata/1/pubpaa/US09 PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1291235 seqs, 313682936 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STIMMARTES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Published Applications AA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                             OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                                                                                                                                                  US-09-729-264-6
2077
                                                                                                                                                                                                                                                                                                                     Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Database :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Searched:
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		4, Ap	98, Appl	App,	Appl	opli	Appli	App	App.	Appl	Appl	Appl	App	Appl	App	Appl
	ď	307	98,	100	96	4, A	m	559	559	26,	87,	20,	325	87,	125,	28,
	Description	Sequence 3074, Ap	Sequence	Sequence 100,	Sequence 96, App.	Sequence 4, Appli	Sequence 3, Appli	Sequence	Sequence 559,	Sequence	Sequence	Sequence 20,	Sequence	Sequence	Sequence	Sequence
SOUTHER	ΩI	US-10-104-047-3074	US-10-309-290-98	US-10-309-290-100	US-10-309-290-96	US-08-755-235-4	US-10-306-133-3	US-10-184-644-559	US-10-184-634-559	US-10-180-410-26	US-10-015-115-87	US-10-274-583-20	US-10-231-956A-325	US-10-211-462-87	US-10-021-660-125	US-10-331-496A-28
	DB	15	16	16			14		14	14	15	14	12	12	14	15
	* Query Match Length DB ID	407	390	390		405	344	2473	2473	633	344	1477	1479	1496	1496	1496
	% Query Match	97.1	7.3	7.3	7.3	7.0	6.7	6.7	6.7	9.9	9.9	6.5	6.5	6.5	6.5	6.5
	Score	2017	151	151	151	145.5	139.5	138.5	138.5	138	137.5	135	135	135	135	135
	Result No.	Н	7	м	4	Ŋ	9	7	8	6	10	11	12	13	14	15

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Gaps

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Length 407; Indels

97.1%; Score 2017; DB 15; 100.0%; Pred. No. 1e-164; iive 0; Mismatches 0;

Query Match
Best Local Similarity 100.
Matches 374; Conservative

Db δ d ò g

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72 93

13 GSGSGNEVIEGPQNATVLKGSQARFNCTVSQGWKLIMWALSDMVVLSVRPMEPIITNDRF 34 GSGSGNEVIEGPQNATVLKGSQARFNCTVSQGWKLIMWALSDMVVLSVRPMEPIITNDRF

193 TCVATWKSLKARKSATVNLTVIRCPQDTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAG 252

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TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 157 LGLLVSHSSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRC 216
                                                                                                                                                                                                                                                                                                                             207 RTAPIQPRVWEPVPLEEVQLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIHWM 258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PODIGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLT-----PICTLTIRCCCC 269
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              270 RARCCGCNCCCRCCRCRRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDEQKT 327
                                                                                                                                                                                                                                                             149
                                                                                                                                                                                                                                                                                                 66 IITNDRFTS-----QRYDQGGNFT--SEMIIHNVEPSDSGNIR----CSLQNSRLHGSAY 114
                                                                                                                                                                                                                                                                                                                                                                                  115 LIVQVMGELFIP----SVNLVVAENEP-------CEVICLPSHWIRLPDISWE
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                                                                                                                                                                                                                    9 PEAVGSGSGNEVIEGPQNATVLKGSQARFNCTVSQG---WKLIMWALSDMVVLSVRPMBP
                                                                                                                                                                                                                                                               ----KP
                                                                                                                                                                                146;
                                                                                                                                                                                                                                                         110 PEIVDSAS--ELTAGVPN------KVGTCVSEGSYPAGTLSWHLDG--
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 390;
                                                                                                                                                                              Indels
                                                                                                                                        7.3%; Score 151; DB 16; 23.3%; Pred. No. 0.00026;
                                                                                                                                                                                  38; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            -- OSEEPEAGESSTGGP 390
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     328 TETASLPPKSCESSDPEORNSSCGPP 353
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gould-Rothberg, Bonnie E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 100, Application US/10309290 Publication No. US20040023241A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Anderson, David W.
Boldog, Ferenc L.
Burgess, Catherine E.
Chillakuru, Kajeev A.
Edinger, Shlomit R.
Gerlach, Valerie L.
SOFTWARE: CuraSeqList version 0.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Alsobrook II, John P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gourd
Guo, Xiaojia
Taffers, Michael E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Malyankar, Uriel M.
Miller, Charles E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Smithson, Glennda
Starling, Gary
Taupier, Raymond J
Voss, Edward Z.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patturajan, Meera
Peyman, John A.
Rastelli, Luca
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Rieger, Daniel K.
Shenoy, Suresh G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Zhong, Haihong
                                                                                                                                                                                    Conservative
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Ji, Weizhen
                                                     TYPE: PRT
CRGANISM: Homo sapiens
US-10-309-290-98
                                                                                                                                          Query Match
Best Local Similarity
Matches 90; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                309 PGEEG-
                     SEQ ID NO 98
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CURRENT APPLICATION NUMBER: 06/336,600
PRIOR PILING DATE: 2001-12-05
PRIOR FILING DATE: 2001-12-05
PRIOR FILING DATE: 2001-12-07
PRIOR PLING DATE: 2001-12-17
PRIOR FILING DATE: 2001-12-17
PRIOR PLING DATE: 2001-12-27
PRIOR PLING DATE: 2001-12-37
PRIOR PLING DATE: 2001-12-37
PRIOR PLING DATE: 2001-12-31
PRIOR PLING DATE: 2001-04-17
PRIOR PLING DATE: 2002-04-17
PRIOR PLING PAPE: 2001-05-15
PRIOR PLING PAPE: 2001-05-15
PRIOR PLING PAPE: 2001-05-15
PRIOR PLING DATE: 2002-05-15
PRIOR PLING PAPE: 2001-05-15
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                                                                                                                                                     214 TCVATWKSLKARKSATVNLTVIRCPQDTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAG 273
                                            TMLLTPTCTLTIRCCCCRRRCCGCNCCCRCCRRKRGFRIQFQKKSEKEKTNKETETE 312
                                                                                   TMLLTPTCTLTIRCCCCRRRCCGCNCCCRCCRCRRKRGFRIQFQKKSEKENKETETE
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Gorman, Linda
Gould-Rothberg, Bonnie E.
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Boldog, Ferenc L.
Burgess, Catherine B.
Chillakuru, Rajeev A.
Edinger, Shlomit R.
Gerlach, Valerie L.
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Starling, Gary
Taupier, Raymond J.
Voss, Edward Z.
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APPLICANT: Alsobrook II, John P.
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Jeffers, Michael E.
Ji, Weizhen
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Patturajan, Meera
Peyman, John A.
Rastelli, Luca
Rieger, Daniel K.
Shenoy, Suresh G.
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APPLICANT:
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REFERENCE: 21402-502A

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ITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOL
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PRIOR PELICATION NUMBER: 60/336,600
PRIOR FILLING DATE: 2001-12-05
PRIOR PELICATION NUMBER: 60/338,285
PRIOR PELICATION NUMBER: 60/341,346
PRIOR FILLING DATE: 2001-12-12
PRIOR PELICATION NUMBER: 60/341,477
PRIOR PELICATION NUMBER: 60/341,477
PRIOR PELICATION NUMBER: 60/341,540
PRIOR PELICATION NUMBER: 60/342,592
PRIOR PELICATION NUMBER: 60/344,297
PRIOR PELICATION NUMBER: 60/344,297
PRIOR PELICATION NUMBER: 60/344,997
PRIOR PELICATION NUMBER: 60/344,903
PRIOR PELICATION NUMBER: 60/340,981
PRIOR PELICATION NUMBER: 60/380,981
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23.3%; Pred. No. 0.00027;
Live 38; Mismatches 112;
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CURRENT APPLICATION NUMBER: US/10/309,290
CURRENT FILING DATE: 2002-12-02
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Burgess, Catherine E.
Chillakuru, Rajeev A.
Edinger, Shlomit R.
Gerlach, Valerie L.
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Starling, Gary
Taupier, Raymond J.
Voss, Edward Z.
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Ji, Weizhen
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Rastelli, Luca
Rieger, Daniel K.
Shenoy, Suresh G.
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Best Local Similarity 23.3%
Matches 90; Conservative
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Zhong, Mei
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ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ----PQIHWM 258
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   CURRENT APPLICATION NUMBER: US/10/309,290
CURRENT FILING DATE: 2002-12-02
PRIOR PELING DATE: 2002-12-05
PRIOR PELING DATE: 2001-12-05
PRIOR PELING DATE: 2001-12-07
PRIOR PELING DATE: 2001-12-07
PRIOR PELING DATE: 2001-12-07
PRIOR PELING DATE: 2001-12-12
PRIOR PELING DATE: 2001-12-12
PRIOR PELING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/341,477
PRIOR FILING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/341,540
PRIOR FILING DATE: 2001-12-07
PRIOR PELING DATE: 2001-12-07
PRIOR PELING DATE: 2001-12-07
PRIOR PELING DATE: 2001-12-07
PRIOR PELING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: 60/344,297
PRIOR PELING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: 60/344,903
PRIOR PELING DATE: 2001-12-37
PRIOR APPLICATION NUMBER: 60/344,903
PRIOR PELING DATE: 2001-12-31
PRIOR PELING DATE: 2002-04-17
PRIOR PELING DATE: 2002-04-17
PRIOR PELING DATE: 2002-05-15
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----QSEEPEAGESSTGGP 390
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APPLICANT: Alsobrook II, John P.; APPLICANT: Anderson, David W.; APPLICANT: Boldog, Ferenc L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Homo sapiens
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LENGTH: 390
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Publication No. US20030100485A1
              GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        221 RTAPIQPRVWEPVPLBEVQLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIHWM 272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       157 LGLLVSHSSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKS-ATVNLTVIR 215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  216 CPODIGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLT-----PTCTLTIRCCC 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 163
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 164 LVPNEKGVSVKEQTRRHPETGLETLQSELM---VTPARGGDPRPTFSCSFSPGLPRHRAL 220
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                                                                                              --- pragsydgsgrdralalginggrdraalligvilw 363
                                                                                                                               270 RRRCCGCNCCCRCCRCCRKKGFRLQFQKKSEKEKT--NKETETESGNENSGYNSDEQKT 327
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                        273 KD-----GVPLPEPSPVLILPEIGPQDQGTYSCVATHSSHGPQESRAVSISIIE- 322
   157 IGLLVSHSSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRC 216
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                                                                  217 PQDIGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLT-----PTCTLTIRCCCC
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                                                                                                                                                               -----ORRGEERKAPENOEEEERAELN-
                                                                                                                                                                                                                                                                                                                                               APPLICANT: Stern, David M.
APPLICANT: Schmidt, Ann Marie
APPLICANT: Schmidt, Ann Marie
APPLICANT: Wu, Jun
FILLE REFERENCE: 0875/50159
CURRENT APPLICATION NUMBER: US/08/755,235
CURRENT APPLICATION NUMBER: 1996-11-22
NUMBER OF SEQ 1D MOS: 4
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        7.0%; Score 145.5; DB 8;
23.5%; Pred. No. 0.00081;
live 38; Mismatches 111;
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                                                                                                                                                                                                328 TETASLPPKSCESSDPEQRNSSCGPP 353
                                                                                                                                                                                                                               --OSEEPEAGESSTGGP 404
                                                                                                                                                                                                                                                                                                        Sequence 4, Application US/08755235 Publication No. US20030059423A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Human
US-08-755-235-4
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                                                                                                        323 PGEEG
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US-08-755-235-4
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Best Local S
Matches 91
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RESULT 6 US-10-306-133-3 ; Sequence 3, Application US/10306133

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                170 PEPSDLOSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCP-----QDTGGGI
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                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/306,133
FILING DATE: 27-No. US20030100485A1-2002
CLASSIPICATION: <UNKNOWN>
          Guegler, Karl J.
TITLE OF INVENTION: HUMAN NEUROTRIMIN HOMOLOG
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                            ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0463 US
TELEPHONE; 650-855
TELEPHONE; 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/009,841
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            225 NIPGVL----SSLPSLGFSLPTWGK 245
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US-10-184-644-559
; Sequence 559, Application US/10184644
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                                                                                                                                                                                                                                                   MEDIUM TYPE: Diskette
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STRANDEDNESS: single
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SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
                                                                                                                                                                                                        ZIP: 94304
COMPUTER READABLE FORM:
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CLONE: 755185
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APPLICANT: Lal, Preeti
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                                                                                                                                                                                         USA
                                                                                                                                                                      STATE: CA
                                                                                                                                                                                         COUNTRY:
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2274 AAITGAAGTITCAAITAAAAITIAAIAIGITTCC--
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US-10-180-410-26
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APPLICANT: SUN, CHA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-015-115-87
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                                                                                                                                                                                       APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REPERENCE: P34-SORIC227
CURRENT APPLICATION NUMBER: US/10/184,644
CURRENT RILING DATE: 2002-06-28
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P34.30R1C217
CURRENT APPLICATION NUMBER: US/10/184,634
CURRENT FILING DATE: 2002-06-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       6.7%; Score 138.5; DB 14; Length 29.5%; Pred. No. 0.038; Live 3; Mismatches 36; Indels
                                                                                                                                                                                                                                                                                                              Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 559
LENGTH: 2473
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 559, Application US/10184634 Publication No. US20030068684A1 GENERAL INFORMATION:
 US20030044930A1
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                                                                                    Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
                                                                                                                                                         Smith, Victoria
Watanabe, Colin K.
Wood, William I.
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Watanabe, Colin K.
Wood, William I.
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Goddard, Audrey
Godowski, Paul J.
Gurney, Austin I.
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Best Local Similarity 29.5
Matches 31, Conservative
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Best Local Similarity 29.5°
Matches 31, Conservative
                                                                      Desnoyers, Luc
                                    Baker, Kevin P.
Chen, Jian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Baker, Kevin P. APPLICANT: Chen, Jian
                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-184-644-559
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ORGANISM: Homo Sapien
                                                                                                                                          Pan, James
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Publication No. US2
GENERAL INFORMATION
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LENGTH: 247
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APPLICANT:
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TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
TITLE OF INVENTION: Using the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20 AGPSPHFLQQPEDLVVLLGEEARLPCALGAYWGLVQWTKSGLALGGQR------DLPG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         72 WSRYWISGNAANGQHDLHIRPVELEDEASYECQATQAGLRSRPAQLHVLVPPPEAPQVLGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             14 SGSGNEVIEGPQNATVLKGSQARFNCTVSQGWKLIMWALSDMVVLSVRPMEPIITNDRFT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 30;
                                                                                                                                                                                                       Query Match 6.6%; Score 138; DB 14; Length 633; Best Local Similarity 24.1%; Pred. No. 0.0066; Matches 54; Conservative 40; Mismatches 100; Indels 3
                                                               2308 ------ATrccrcardecccaccccccccccccccccc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        74 SQRYDQGGNFTS---EMIIHNVEPSDSGNIRCSLQNSRLHG-SAYLTV-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          177 SAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQDT 220
                         243 WGKVGLGLAGIMLLTPTCTLTIRCCCCR-RRCCGCNCCCRCCFCC
                                                                                                                                                         Sequence 26, Application US/10180410
Publication No. US20030148382A1
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Publication No. US20030207800A1
GENERAL INFORMATION:
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Spytek, Kimberly A
Zerhusen, Bryan D
Patturajan, Meera
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gangolli, Esha A
Shimkets, Richard A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Taupier, Raymond J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Uriel M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Guo, Xiaojia
Kekuda, Ramesha
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498 -GQYECQAV--NIIGSQKWVAHLTVQPRVTPVFASIPSDTTVEVGANVQLP-----CSSQ 549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           189 NGTLICVATWKSLKARKSATVNLTV-----IRCPQDT----GGGINIPGVLSSLPSL 236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             72 FISORYDQGGNFISEMILHNVEPSDSGNIRCSLONS--RLHGSAYLTVQVMGELFIPSVN 129
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                189 NGTLICVATWKSLKARKSATVNLTV-----IRCPODT----GGGINIPGVLSSLPSL 236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      72 FISORYDQGGNFISEMIIHNVEPSDSGNIRCSLONS--RLHGSAYLTVQVMGELFIPSVN 129
                                                                                                                                                                                                                                                                                                                                                                                                    130 LVVAENEPCEVTCLPSHWTRLPDISW-ELGLLVSHSSYYFVPEPSDLQSAVSILALTPQS 188
                                                                                                                                                                                                                                                                                                                                                                                                                                          442 RVVIEGQTVDFQC-EAKGNPPPVIAWTKGGSQLSVDRRHLVLSSGTLR--ISGVALHDQ- 497
                                                                                                                                                                                                                                337 GSPARPTFVIQPQNTEVLVGESVTLECSATGHPPPRISWTRGDRTPLPVDPRVNITPS-- 394
                                                                                                                                                                                                                                                                                                                              13 GSGSGNEVIEGPONATVLKGSGARFNCTVS-QGWKLIMWALSDMVVLSVRPMEPIJINDR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      395 -----GG-----LYIQNVVQGDSGEYACSATNNIDSVHATAFIIVQALPQFTVTPQD
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                                                                                                                                                                            13 GSGSGNEVIEGPONATVLKGSQARFNCTVS-QGWKLIMWALSDMVVLSVRPMEPIITNDR
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                                                                                                                          26;
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                                                                Length 1477;
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                                                                ; Score 135; DB 14; Length 1; Pred. No. 0.037; 36; Mismatches 127; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 6.5%; Score 135; DB 12; Sest Local Similarity 25.0%; Pred. No. 0.037; Matches 73; Conservative 36; Mismatches 127;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Lorens, James B.
APPLICANT: Lorens, James B.
APPLICANT: Lorens, Jakob
APPLICANT: Bogenberger, Jakob
APPLICANT: Holland, Sacha
APPLICANT: Rigel Pharmaceuticals, Incorporated
TITLE OF INVENTION: Modulators of Angiogenesis
TILE REFERENCE: 021044-004100US
CURRENT APPLICATION NUMBER: US/10/231,956A
CURRENT FILING DATE: 2001-08-30
NUMBER OF SEQ ID NOS: 522
SOFTWARE FRASERQ for Windows Version 3.0
SEQ ID NO 325
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 325, Application US/10231956A
; Publication No. US20040053233A1
; GENERAL INFORMATION:
                                                                           Query Match 6.5%;
Best Local Similarity 25.0%;
Matches 73; Conservative 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homo sapiens
US-10-231-956A-325
ORGANISM: Homo sapiens
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                       US-10-274-583-20
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Sequence 20, Application US/2030138431A1

Publication No. US20030138431A1

GENERAL INFORMATION:

APPLICANT: Exelixis, Inc.

TITLE OF INVENTION: LRRCAPE AS MODIFIERS OF THE p53 PATHWAY AND METHODS OF USE

TITLE OF INVENTION: LRRCAPE US/10/274,583

CURRENT FILING DATE: 2002-10-21

PRIOR APPLICATION NUMBER: 60/338,733

PRIOR PILING DATE: 2001-10-22

PRIOR APPLICATION NUMBER: 60/357,600

PRIOR APPLICATION NUMBER: 60/361,196

PRIOR PILING DATE: 2002-02-15

PRIOR PILING DATE: 2002-03-01

NUMBER OF SEQ ID NOS: 24

SOFTWARE: PATENTIN VERSION 3.1

SEQ ID NO 20

SEQ ID NO 20

SEQ ID NO 20

SEG ID NO 20

SEG ID NO 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RIHGSAYLTVQVMGELFIPSVNLVVAENEPCEVTCLPSHWTRLPD--1SWELGLLVSHSS 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            166 YYEVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTV----IRCPQDT 220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              79
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 6.6%; Score 137.5; DB 15; Length 3 Best Local Similarity 26.0%; Pred. No. 0.0032; Matches 70; Conservative 38; Mismatches 104; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              232 GVPVGQKGILMCEASAVPSADFQ---WYK 257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            221 GGGINIPGVL----SSLPSLGFSLPTWGK 245
        FILE REFERENCE: 21402-211

CURRENT APPLICATION NUMBER: US/10/015,115

CURRENT FILING DATE: 2002-09-23

PRIOR APPLICATION NUMBER: 60/248,153

PRIOR FILING DATE: 2000-11-13

PRIOR FILING DATE: 2000-11-17

PRIOR FILING DATE: 2000-11-17

PRIOR FILING DATE: 2001-01-26

PRIOR FILING DATE: 2001-02-02

PRIOR FILING DATE: 2001-02-02

PRIOR FILING DATE: 2001-02-02

PRIOR FILING DATE: 2001-02-03

PRIOR FILING DATE: 2001-02-04

PRIOR FILING DATE: 2001-07-10

PRIOR FILING DATE: 2001-07-10

PRIOR FILING DATE: 2001-07-11

PRIOR FILING DATE: 2001-07-11

PRIOR FILING DATE: 2001-07-31

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US-10-015-115-87
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US-10-274-583-20
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PRIOR APPLICATION NUMBER: US/09/784,356
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US-10-331-496A-28
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                                                                            Sequence 87, Application US/10211462

Publication No. US20040033495A1

GENERAL INFORMATION:
APPLICANT: Murray, Richard
APPLICANT: Glynne, Richard
APPLICANT: Glynne, Richard
APPLICANT: Glynne, Richard
APPLICANT: Glynne, Richard
APPLICANT: Gos Biotechnology, Inc.
APPLICANT: Asiz, Natesha
APPLICANT: ASis Biotechnology, Inc.
APPLICANT: Bos Biotechnology, Inc.
APPLICANT: Bos Biotechnology, Inc.
APPLICANT: Bos Biotechnology, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Angiogenesis Modulators
FILE REFERENCE: 018501-006200US
CURRENT APPLICATION NUMBER: US 09/784,356
FRIOR FILING DATE: 2001-02-13
FRIOR FILING DATE: 2001-02-14
FRIOR APPLICATION NUMBER: US 09/791,390
FRIOR FILING DATE: 2001-02-2
FRIOR FILING DATE: 2001-08-03
FRIOR FILING DATE: 2001-08-03
FRIOR PILING DATE: 2001-08-03
FRIOR FILING DATE: 2001-08-03
FRIOR FILING DATE: 2001-08-03
FRIOR FILING DATE: 2001-08-03
FRIOR FILING DATE: 2001-08-03
FRIOR APPLICATION NUMBER: US 60/310,025
FRIOR FILING DATE: 2001-08-03
FRIOR FILING DATE: 2001-08-03
FRIOR FILING DATE: 2001-08-03
FRIOR FILING DATE: 2001-08-03
FRIOR APPLICATION NUMBER: US 60/314,244
FRIOR APPLICATION NUMBER: US 60/314,244
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Publication No. US20030152926A1
GENERAL INFORMATION:
APPLICANT:
GIYUNG SUGGENERATION:
APPLICANT:
GOMESTION:
TITLE OF INVENTION:
COMPOSITIONS and Methods of Screening for Angiogenesis
TITLE OF INVENTION:
FILE OF INVENTION:
CURRENT APPLICATION NUMBER:
CURRENT APPLICATION NUMBER:
CURRENT FILING DATE:
2001-12-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           72 FTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNS--RLHGSAYLTVQVMGELFIPSVN 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         354 GSPARPTFVIQPQNTEVLVGESVTLECSATGHPPPRISWTRGDRTPLPVDPRVNITPS-- 411
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  412 -----GG-----LYIQNVVQGDSGEYACSATNNIDSVHATAFIIVQALPQFTVTPQD 458
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25.0%; Pred. No. 0.038;
.ive 36; Mismatches 127; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 87
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Best Local Similarity 25.0%
Matches 73; Conservative
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US-10-211-462-87
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      130 LVVAENEPCEVTCLPSHWTRLPDISW-ELGLLVSHSSYYFVPEPSDLQSAVSILALTPQS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      515 -GQYECQAV--NIIGSQKVVAHLIVQPRVTPVFASIPSDTTVEVGANVQLP----CSSQ
                                                                                                                                                                                                                                                                                                                                                                                                                                            13 GSGSGNEVIEGPONATVLKGSQARFNCTVS-QGWKLIMWALSDMVVLSVRPMEPIITNDR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   354 GSPARPTFVIQPONTEVLVGESVTLECSATGHPPPRISWTRGDRTPLPVDPRVNITPS--
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APPLICANT: SMITH VICTORIA

APPLICANT: SPENCER, SUSAN D.

APPLICANT: WILLIAMS, P. MICKEY

APPLICANT: WILLIAMS, P. MICKEY

APPLICANT: WILLIAMS, D.

APPLICANT: ZHANG, ZEMIN

ITILE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND

ITILE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND

ITILE OF INVENTION: TREATMENT OF TUMOR

FILE REFERENCE: PSO14R1-PCT

CURRENT FILING DATE: 2002-12-30

PRIOR APPLICATION NUMBER: US 60/345,444

PRIOR PILING DATE: 2002-01-02

PRIOR PILING DATE: 2002-01-25

PRIOR PILING DATE: 2002-02-05

PRIOR PILING DATE: 2002-03-05

PRIOR PILING DATE: 2002-03-05

PRIOR PILING DATE: 2002-03-05

PRIOR FILING DATE: 2002-03-05

PRIOR PILING DATE: 2002-03-01

PRIOR PILING DATE: 2002-03-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    567 GEPEPAITWNKDGVQVTESGKFHISPEGFLTINDVGPADAGRYECVARNTIG 618
                                                                                                                                                                                                                                                                                                                                                                                               26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              237 GFSLP--TWGKVGLGL--AGTMLLTPTCTLTI-----RCCCCRRRCCG
                                                                                                                                                                                                                                                                                                                             6.5%; Score 135; DB 14; Length 1496;
25.0%; Pred. No. 0.038;
tive 36; Mismatches 127; Indels 56
PRIOR FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: US 09/637,977
PRIOR FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 135
SOFWAME: FastSEQ for Windows Version 3.0
LENGTH: 1496
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              189 NGTLTCVATWKSLKARKSATVNLTV---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 2002-03-21
PAPLICATION NUMBER: US 60/368,679
FILING DATE: 2002-03-28
APPLICATION NUMBER: US 60/404,809
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APPLICATION NUMBER: US 60/405,645
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 28, Application US/10331496A Publication No. US20030228305A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 25.04,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HILLAN, KENNETH J. PHILLIPS, HEIDI S. POLAKIS, PAUL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: FRANTZ, GRETCHEN
                                                                                                                                                                                                                                     ORGANISM: Homo sapiens
US-10-021-660-125
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                                                                                                                                                                                                                                                                                                                                                                                                      189 NGTLICVATWKSLKARKSATVNLTV-----IRCPQDT----GGGINIPGVLSSLPSL 236
                                                                                                                                                                                                                                                                   72 FTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNS--RLHGSAYLTVQVMGELFIPSVN 129
                                                                                                                                                                                                                                                                                        412 ------GG-----LYIQNVVQGDSGEYACSATNNIDSVHATAFIIVQALPQFTVTPQD 458
                                                                                                                                                                                                                           13 GSGSGNEVIEGPQNATVLKGSQARFNCTVS-QGWKLIMWALSDMVVLSVRPMEPIITNDR 71
                                                                                                                               Query Match 6.5%; Score 135; DB 15; Length 1496;
Best Local Similarity 25.0%; Pred. No. 0.038;
Matches 73; Conservative 36; Mismatches 127; Indels 56; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; PRIOR FILING DATE: 2002-08-21
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 28
; LENGTH: 1496
; TYPE: PRT
; ORGANISM: Homo sapien
US-10-331-496A-28
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Search completed: July 30, 2004, 15:15:40 Job time: 41.4731 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

July 30, 2004, 14:57:22; Search time 15.052 Seconds (without alignments) 1323.919 Million cell updates/sec Run on:

US-09-729-264-4 2088 1 MVAGAMENRDPPGGGGGNEV........BQASFNLASPEKVSNTTVV 386 Title: Perfect score: Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

389414 seqs, 51625971 residues Searched:

389414 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Issued Patents AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/eB_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:* Database:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

•		940			SUMMARIES	
Result No.	Score	Query	Length	DB	ID.	Description
1	145.5	7.0	404	4	US-09-638-649-3	Sequence 3. Appli
7	136	6.5	1447	m	US-09-041-886-25	2.5
æ	136	6.5	1447	Ŋ	PCT-US94-05277-2	2
4	132.5	6.3	869	Н	US-08-374-834-16	9
Ŋ	132.5	6.3	869	7	US-08-644-271-29	
9	132.5		698	4	US-09-077-955-33	8
7	128.5	6.2	1345	~	US-08-977-767-3	m
80	123.5	5.9	340	4	US-09-651-200-2	N
თ	123.5	5.9	441	4	US-09-651-200-4	
10	122.5	5.9	534	4	US-09-651-200-6	9
11	122.5	5.9	534	4	US-09-651-200-24	24
12	121.5	5.8	332	4	US-09-062-365-1	
13	120	5.7	1395	٣	US-09-540-245A-15	Sequence 15, Appl
14	118	5.7	898	Н	US-08-374-834-1	۲,
15	118	5.7	898	~	US-08-644-271-1	, ;
16	118	5.7	898	4	US-09-077-955-1	<u> </u>
17	116.5	5.6	318	7	US-08-633-148-4	Sequence 4, Appli
18	116.5	5.6	340	7	US-08-633-148-2	5,
19	115.5	5.5	478	ń	PCT-US95-08493-15	15.
20	115.5	5.5	860	Ŋ	PCT-US95-08493-19	Sequence 19, Appl
21	115.5	5.5	898	Ŋ	PCT-US95-08493-21	21,
22	115.5	5.5	946	Ŋ	PCT-US95-08493-13	13,
23	115	5.5	313	4	US-09-700-397-4	4, 7
24	Н.		344	4	US-09-700-397-3	'n
25	114.5	5.5	364	4	-80	'n
56	113	5.4	325	4	-60-	Sequence 20, Appl
27	113	5.4	1461	4	US-09-976-594-531	531

Sequence 24, Appl	Seguence 24, Appl	À		Sequence 1. Appli		l Id	L.		17.	9	Sequence 2, Appli	20	22	22,	Sequence 67. Appl	4	
US-09-910-174B-24	US-09-620-461-24	US-09-638-649-1	US-09-499-964-1	US-08-659-984A-1	US-08-660-531-1	US-08-659-984A-5	US-08-660-531-5	US-08-415-751-6	US-09-540-245A-17	US-07-906-349A-6	US-09-060-854B-2	US-08-482-085B-20	US-08-597-495B-22	US-09-068-051A-22	US-09-336-536-67	US-09-254-465A-6	US-08-935-433-2
4	4	4	4	7	m	~	٣	Н	٣	-	4	m	Н	m	4	4,	4
316	316	416	689	421	421	444	444	362	1297	801	1497	285	319	319	319	319	690
5.4	5.4	5.4	5.4	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.0	2.0	5.0	2.0	5.0	5.0
112.5	112.5	112.5	112	109	109	109	109	107.5	107	106	106	105	104	104	104	104	104
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ALIGNMENTS

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Kenneth W.
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Johnson, Karen
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Best Local Similarity 25...
Best Local 62; Conservative
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PCT-US94-05277-2
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                                                                                                                                              STREET: 1001 G St
CITY: Washington
STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       378 QIVGGSNIR----ILGVVKSDEGFYQCVAENEAGNAQTSAQLIVPKPAIFSSS----- 426
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             215 RNPASSRTGNEABVRILSDPGLHRQLYFLQRPSNVVAIEGKDAVLECCVS-GYPPPSFTW 273
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 51 ALSDMVVLSVRPMEPIITNDRPTSQRYDQGGNFTSEMIIHNVEPSDSGNIRC--SLQNSR 108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ---QLRSKKYSLLGG--SNLLISNVTDDDSGMYTCVVTYKNEN 318
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  319 ISASAELTVLVPPWFLNHPSNLYAXESMDIEFECTVSGKP-VPTVNWMKNGDVVIPSDYF 377
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25.1%; Pred. No. 0.0028;
ive 34; Mismatches 101; Indels
                                                                                                               APPLICANT: Bredesen, Dale E.
APPLICANT: Rabizadeh, Sharroz
TITLE OF INVENTION: Proapoptotic Peptides, Dependence
TITLE OF INVENTION: Polypeptides and Methods of Use
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,886
                                                                                                                                                                                                                              2: Campbell & Flores LLP
4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 3
PCT-US94-05277-2
Sequence 2, Application PC/TUS9405277
GENERAL INFORMATION:
APPLICANT: Bruskin, Arthur
APPLICANT: Jarosz, David E.
                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ
TELECOMMUNICATION INFORMATION:
TELEFAN: (619) 535-9001
TELEFAX: (619) 535-9001
TELEFAX: (619) 535-9001
TELEFAX: (619) 535-8940
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
                                                           Sequence 25, Application US/09041886
Patent No. 6235872
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           25.1%;
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Best Local Similarity 25.1%
....hes 62; Conservative
                                                                                                                                                                                                                                                                                                         United States
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                                                                                                                                                                                                                                                 STREET: 4370 La Jol
CITY: San Diego
STATE: California
COUNTRY: United Sta
ZIP: 92122
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GY: linear
                                                                                    Patent No. 6235872
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                     ADDRESSEE:
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                                                  US-09-041-886-25
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                              RESULT 2
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51 ALSDMVVLSVRPMEPIITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRC--SLQNSR 108
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       50;
APPLICANT: Kinzler, Kenneth W.
APPLICANT: Vogelstein, Bert
APPLICANT: Zabrecky, James R.
TITLE Zabrecky, James R.
TITLE CE SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 1447;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6.5%; Score 136; DB 5; Length 14
25.1%; Pred. No. 0.0028;
cive 34; Mismatches 101; Indels
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Sequence 16, Application US/08374834
Sequence 16, Application US/08374834
Patent No. 565647
GENERAL INFORMATION:
APPLICANT: Valenzuela, et al.
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Regeneron Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                ZIP: 20001

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05277
                                                                                                                                              3: Banner, Birch, McKie & Beckett
1001 G Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
ATTORNEY/ACENT INFORMATION:
NAME: Kagan, Sarah A.
RAGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 0110;
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202.508.910
TELEFAX: 202.508.910
TELEFAX: 197430 BBMB UT
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SGNENSGYNSDEQKTTDTASLPPKSCESSDPEQRNSSCGPPHQRADQRP----PRPASHP 368
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; Pred. No. 0.0029;
55; Mismatches 178; Indels 105;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Fatentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
PLICATION NOMBER: US/08/374,834
FILING DATE: 19-JAN-1995
                                                                                                                                                                                    FILING DATE: 19-JAN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/095,658
FILING DATE: 21-JUL-193
ATTORNEY/AGENT INFORMATION:
NAME: CODert, RODERT J.
REGISTRATION NUMBER: 36,108
REFERENCE/DOCKET NUMBER: REG 190A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 345-7400
TELEPHONE: (914) 345-7721
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
777 Old Saw Mill River Road
                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Best Local Similarity 20.8#
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein
                                                                               COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           unknown
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SSSFSVS 489
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                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid STRANDEDNESS:
                Tarrytown
New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GALQVKMKP-
                                                USA
                                                                                              MEDIUM TYPE:
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                                                COUNTRY:
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RESULT 5 US-08-644-271-29 ; Sequence 29, Application US/08644271

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels 105;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 869;
GENERAL INFORMATION:
APPLICANT: Valenzuela, et al.
TITLE OF INVENTION: NOVEL TYROSINE KINASE RECEPTORS
TITLE OF INVENTION: ND LIGANDS
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 6.3%; Score 132.5; DB 2; Best Local Similarity 20.8%; Pred. No. 0.0029; Matches 89; Conservative 55; Mismatches 178;
                                                                                                                                                ADDRESSEE: Regeneron Pharmaceuticals, Inc
STREET: 777 Old Saw Mill Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 60/008,657
FILING DATE: 15-DEC-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA.
APPLICATION NUMBER: US/08/644,271
FILING DATE: 110-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REG 195A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Cobert, Robert J
REGISTRATION NUMBER: 36,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: 914-345-7400
                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               : 869 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                  Diskette
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
                                                                                                                                                                                                                                             USA
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                                                                                                                                                                                         APPLICANT: Valentuela et al., David M.
APPLICANT: Valentuela et al., David M.
TITLE OF INVENTION: NOVEL TYROSINE KINASE RECEPTORS AND LIGANDS
FILE REPERENCE: REC195-B-PCT-US
CURRENT APPLICATION NUMBER: US/09/077,955A
CURRENT FILING DATE: 1998-09-10
EARLIER PEPLICATION NUMBER: PCT/US96/20696
EARLIER PILING DATE: 1996-12-13
EARLIER PILING DATE: 1996-12-13
EARLIER PILING DATE: 1996-12-15
NUMBER OF SEQ ID NOS: 36
SEQ ID NOS: 36
SEQ ID NOS: 36
LENGTH: 869
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels 105;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6.3%; Score 132.5; DB 4; Length 869;
20.8%; Pred. No. 0.0029;
tive 55; Mismatches 178; Indels 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          224 ----INIPGVLSSLPSLGFSL----
                                                                                                                                   Sequence 33, Application US/09077955A
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Best Local Similarity 20.8*
Matches 89; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CRGANISM: Homo sapiens US-09-077-955-33
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SSSFSVS 489
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483 SSSFSVS 489
369 QASFNLA 375
                                                                                                                                                          Patent No. 6413740
                                                                                                RESULT 6
US-09-077-955-33
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US-08-977-767-3
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Sequence 3, Application US/08977767 Patent No. 5972684 GENERAL INFORMATION: APPLICANT: Bandman, Olga

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190 GILICVATWKSLKARKSATVNLTVIRCPQDTGGGI----NIPGVLSSLPSLGFSLPTWGK 245
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APPLICANT: Green et al
TITLE OF INVENTION: Dymucleotides Encoding Members of the Human B
TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and
TITLE OF INVENTION: Polypeptides Encoded Thereby
FILE REFERENCE: 15566-56. (CURA-62)
CURRENT APPLICATION NUMBER: US/09/651,200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    246 VGLGLAGIMLLT-PICTLTIRCCCCRRRCCGCNCCCRC------CFCC 286
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Pred. No. 0.012;
1; Mismatches '
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURSENT APPLICATION DATA:
APPLICATION NUMBER: US/08/977,767
                              APPLICANT: Corley, Neil C.
IIILE OF INVENTION: CARBONIC ANHYDRASE VIII
NUMBER OF SEQUENCES: 3
                                                                                          STREET: 3174 Porter Drive CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Billings, Lucy J.
REGISTATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0423 US
TELECOMMUNICATION INFORMATION:
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PRIOR APPLICATION NUMBER: 60/152383
PRIOR FILING DATE: 1999-09-03
PRIOR APPLICATION NUMBER: 60/172909
PRIOR FILING DATE: 1999-12-21
PRIOR APPLICATION NUMBER: 60/183578
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2, Application US/09651200 Patent No. 6429303
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1345 amino acids
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                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Ph
STREET: 3174 Porter
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Greenwald,
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Best Local Similarity
Matches 37; Conserval
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STRANDEDNESS: sir
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; CLONE: 1532042
US-08-977-767-3
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IMMEDIATE SOURCE:
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                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: US
ZIP: 94304
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US-09-651-200-6
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                                                                                                                                                                                                                                                                                                            -----HSFTEGR-DQGSAYANRTALFPDLLAQGNASLRLQRVRVADEGSFTCFV-SIRD 152
                                                                                                                                                                                                                                                                                                                                                    HGSAYLIVQVMGELFIPSVNLV----VAENEPCEVICLPSHWTWLP--DISWELGL---L 160
                                                                                                                                                                                                                                                                                                                                                                                                                     161 VSHSSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCP--- 217
                                                                                                                                                                                                                                                                                                                                                                                                                                                               -----LVRNPVLQ 252
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                                                                                                                                                                                                             11 PPGSGSGNEVIEGPQNARV-LKGSQARFNCTVS--QGWKL----IMWALSDMYVLSVRPM
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APPLICANT: Green et al Landourden Encoding Members of the Human B TITLE OF INVENTION: Delynucleotides Encoding Members of the Human B TITLE OF INVENTION: Lymphocyte Activation Antiqen B-7 Family and TITLE OF INVENTION: Lymphocyte Activation Antiqen B-7 Family and TITLE OF INVENTION: Delyneptides Encoded Thereby

TITLE OF INVENTION: Delyneptides Encoded Thereby

FILE REPERENCE: 1596-562 (CURA-62)

CURRENT APPLICATION NUMBER: 06/152383

PRIOR APPLICATION NUMBER: 60/152909

PRIOR PELING DATE: 1999-10-3

PRIOR FILING DATE: 1999-12-21

PRIOR FILING DATE: 2000-03

PRIOR FILING DATE: 2000-02-03

PRIOR FILING DATE: 2000-02-03

PRIOR FILING DATE: 2000-02-03

PRIOR FILING DATE: 2000-02-03
                                                                                                                                                                              Indels 109;
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                                                                                                                                             DB 4; Length 340;
                                                                                                                                                                                                                                                                                                                                                                                                                                             253 QDAHGSVTITGQPMTFPPEAL ----WVTVGLSVCLIALLV-
                                                                                                                                        5.9%; Score 123.5; DB 4;
.larity 21.3%; Pred. No. 0.0051;
Conservative 50; Mismatches 130;
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Patent No. 6429303
                                                                                                                                                                                                                                                                                  EPIITNDRFTSQRYDQGGNF
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 340
                                                                                     ORGANISM: Homo sapiens
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                                                                                                                                        Query Match
Best Local Similarity
Matches 78; Conserv
                                                                                                     US-09-651-200-2
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                                                                      TYPE: PRT
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SEQ ID NO 4
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11 PPGSGSGNEVIEGPQNARV-LKGSQARFNCTVS--QGWKL----IMWALSDMVVLSVRPM

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17;
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                                                                                                                                                                                              110 HGSAYLTVQVMGELFIPSVNLV----VAENEPCEVTCLPSHWTWLP--DISWELGL---L 160
                                                                                                                                                                                                                                161 VSHSSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCP--- 217
                                                                                           --TSEMIIHNVEPSDSGNIRCSLQNSRL 109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ----IKQSCEEENAGAEDQDG------EGEGSKTALQPLKH 429
LVRNPVLQ 353
                                                                                                                                                                                                                                                                                                                                                                                                                 QDIGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLTPTCTLTIRCCCCRRRCCGCN 277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          278 CCCRCCFCCRRKRGFRIQFQKKSEKEKTNKETETESGNENSGYNSDEQKTTDTASLPPKS 337
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JAPLICANT: Green et al.

TITLE OF INVENTION: Polynucleotides Encoding Members of the Human B.

TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and TITLE OF INVENTION: Polypeptides Encoded Thereby

TITLE OF INVENTION: Polypeptides Encoded Thereby

FILE REFERENCE: 1596-562 (CURA-62)

CURRENT APPLICATION NUMBER: US/09/651,200

PRIOR APPLICATION NUMBER: 60/152383

PRIOR FILING DATE: 1999-09-03

PRIOR PELING DATE: 1999-10-21

PRIOR FILING DATE: 1999-12-21

PRIOR FILING DATE: 2000-02-18

FRIOR FILING DATE: 2000-02-18

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 6

LENGTH: 534
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21.3%; Pred. No. 0.012;
tive 49; Mismatches 131;
                                                                                                                                                                                                                                                                                                                                                  TGNVTTSQMANEQGLFDVHSVLRVVLGANGTYSC-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 6, Application US/09651200
; Patent No. 6429303
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               64 EPIITNDRFTSQRYDQGGNF---
                                                                                     EPIITNDRFTSQRYDQGGNF-
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Best Local Similarity 21.3*
Matches 78; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ---ALAFVCWRK----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      338 CESSDPE 344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         430 SDSKEDD 436
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249 WMKD------GVPLPLPPSPVLILPEIGPQDQGTYSCVATHSSHGPQESRAVSISII 299
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              155 WELGLLVSHSSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVI 214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  113 AYLTVQVMGELFIP----SVNLVVAENEP-------CEVTCLPSHWTWLPDIS 154
                                                                                                      Sequence 1, Application US/09062365
; Sequence 1, Application US/09062365
; Patent No. 646542
; GENERAL INFORMATION:
; APPLICANT: Schmidt. Ann Marie
; APPLICANT: Schmidt. Ann Marie
; TITLE OF INVENTION: METHOD FOR INHIBITING TUMOR INVASION OR SPREADING IN ?
   TITLE OF INVENTION: WUBBER: US/09/062,365
; CURRENT APPLICATION NUMBER: US/09/062,365
; CURRENT FILING DATE: 1998-04-17
; NUMBER OF SEQ ID NOS: 6
; SOFFWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                64 EPIIINDRFTS-----QRYDQGGNFT--SEMIIHNVEPSDSGNIR----CSLQNSRLHGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        56;
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5.7%; Score 120; DB 3; Length 1395;
Best Local Similarity 26.2%; Pred. No. 0.074;
Matches 66; Conservative 29; Mismatches 101; Indels 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 332;
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APPLICANT: Kid, Thomas
APPLICANT: Kid, Thomas
APPLICANT: Brose, Kaid, Thomas
APPLICANT: Brose, Kaid, Thomas
APPLICANT: Tessier-Lavigne, Marc
TITLE OF INVENTION: Modulating Robo: Ligand Interactions
FILE REFERENCE: B98-031-3
FILE REFERENT APPLICATION NUMBER: G6/065,544
PRIOR APPLICATION NUMBER: 66/081,057
PRIOR APPLICATION NUMBER: 60/081,057
PRIOR APPLICATION NUMBER: 60/081,057
PRIOR APPLICATION NUMBER: 60/081,057
PRIOR APPLICATION NUMBER: 60/081,057
PRIOR PILING DATE: 1998-04-07
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 15
LENGTH: 1395
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ch 5.8%; Score 121.5; DB 4; Length 1 Similarity 25.7%; Pred. No. 0.0075; 57; Conservative 27; Mismatches 69; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               215 RCPQDTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLL 256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       -----PTAGSVGGSGLGTLAL 321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 15, Application US/09540245A Patent No. 6270984 GENERAL INFORMATION:
APPLICANT: Goodman, Corey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   300 E-PGEEG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: Human
US-09-062-365-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-540-245A-15
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US-09-540-245A-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 1
LENGTH: 332
                                                                    RESULT 12
US-09-062-365-1
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  278 CCCRCCFCCRRKRGFRIQFQKKSEKEKTNKETETESGNENSGYNSDEQKTTDTASLPPKS 337
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ---ALAFVCWRK------IKQSCEBENAGAEDQDG-------EGEGSKTALQPLKH 522
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         294
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       295 -----HSFTEGR-DQGSAYANRTALFPDLLAQGNASLRLQRVRVADEGSFTCFV-SIRD 346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       110 HGSAYLTVQVMGELFIPSVNLV----VAENEPCEVTCLPSHWTWLP--DISWELGL---L 160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ||| :::|| || ::|| | 347 FGSAAVSLQVAAPYSKPSMTLEPNKDLRPGDTVTITC--SSYRGYPRAEVFWQDGQCVPL 404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 218 ODTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTWLLTPTCTLTIRCCCCRRRCCGCN 277
                                                                                                                                                                                                             ---ALAFVCWRK-----IKQSCEEENAGAEDQDG-------EGEGSKTALQPLKH 522
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            11 PPGSGSGNEVIEGPQNARV-LKGSQARFNCTVS---QGWKL----IMWALSDMVVLSVRPM 63
218 ODTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLTPTCTLTIRCCCCRRRCCGCN 277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Sequence 24, Application US/09651200 | Sequence 24, Application US/09651200 | Patent No. 642303 | Patent No. 642303 | CENERAL INFORMATION: | APPLICANT: Green et al. | TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and | TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and | TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and | TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and | TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and | TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and | TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and | TITLE OF INVENTION: Lymphocyte Activation NUMBER: 60/152383 | PRIOR FILING DATE: 1999-09-03 | PRIOR FILING DATE: 1999-09-03 | PRIOR PELICATION NUMBER: 60/172909 | PRIOR APPLICATION NUMBER: 60/172909 | PRIOR APPLICATION NUMBER: 60/183578 | PRIOR FILING DATE: 2000-02-18 | PRIOR FILING DATE: 2000-02-18 | NUMBER OF SEQ IN OSS. 25 | COPPRESSION NUMBER: 60/183578 | COPPRESSION NUMBER: 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        161 VSHSSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCP---
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Best Local Similarity 21.3%; Pred. No. 0.012;
Matches 78; Conservative 49; Mismatches 131; Indels 109;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CTHER INFORMATION: Description of Unknown Organism: Sequence; CTHER INFORMATION: mz5020.protein from Figure 4. US-09-651-200-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              447 QDAHGSVTİTĞQPMTFPPEAL----WVTVGLSVCLIALLV-
                                                                        447 ODAHGSVTITGOPMTFPPEAL----WVTVGLSVCLIALLV-
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523 SDSKEDD 529
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US-09-651-200-24
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----CEVICLPSHWIWLPDISW-ELGLLVSHSSYYFVPEP 172
                                                                                                                                                                          EVFARILRAPESHNVTFGSFVTLRCTAIGMP-----VPTISWIENGNAVSSGSIQENVKD 263
                                                                                                                                                                                                                              ----TWGKVGLGLAGTMLLTPTCTLTIRCC 267
                                                                                                                                                                                                                                                                                                          --CCCRCC-----FCCRRKRGFRIQFQKKSEKEKTNKETETE
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                                                                                                                                               173 SDLQSAVSILALTPQSNGTLTCVAT----WKSLKARKSATVNLTVIR-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. Solli.
GENERAL INFORMATION:
APPLICANT: Valenzuela, et al.
TITLE OF INVENTION: NOVEL TYROSINE KINASE RECEPTORS
TITLE OF INVENTION: AND LIGANDS

TITLE OF INVENTION: AND LIGANDS
                                                                                                                                                                                                                                                                                                                                              374 LCNHLFQECSPGVLPTPMPICREYCLAVKELFCA----
                                                                                                                                                                                                                                                                                                                                                                                       313 SGNENSGYNSDEQKTTDTASLPPKSCES----SDP 343
                                                                                                                                                                                                                                                                                                                                                                                                                                 ---FLPVPECSKLPSMHQDP 444
                                                                                                                                                                                                                                                                 321 RGEVCDAVLVKDSLVFFNTSYPDPEEAQELLIHTAWNEL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSE: Regeneron Pharmaceuticals, Inc.
STREET: 777 Old Saw Mill Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 10-MAY-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATE:
APPLICATION NUMBER: USSN 60/008,657
FILING DATE: 15-DEC-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/644,271
FILING DATE: 10-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ Version 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1, Application US/08644271
Patent No. 5814478
                                                                                                                                                                                                                         220 TGGGINIPGVLSSLPSLGFSLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              36,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 914-345-7400
                                                                  ELFIPSVNLVVAENEP---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       868 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Cobert, Robert J
REGISTRATION NUMBER: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 868 amino acid
                                                                                                                                                                                                                                                                                                        268 CCRRRCCGCN-----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                             419 RGLYRSGMH-
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                                                                                                                                                       134 ENEP----CEVTCLPSHWTWLPDISW---ELGLLVSHSSYYFVPEPSDLQSAVSILALTP 186
                                                                          77 YDQGGNFTSEMIIHNVEPSDSGNIRCSLQN---SRLHGSAYLTVQVMGELFIPSVNLVVA 133
                                                                                                     268 YGQTATFHCSVGGDPP----PKVLWKKEEGNIPVSRARILHD-----BKSLEISNITP 316
                                                                                                                                                                                                                                      187 QSNGTLTCVA--TWKSLKARKSATV----NLTVIRCPQDTGGGINIPGVLSSLPSLGFSL 240
                                                                                                                                                                                                                                                               PQNARVLKGSQARFNCTVSQG--WKLIMW----ALSDMVVLSVRPMEPIITNDRFTSQR 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEPIITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNSRLHGSAY-LTVQVMG 121
                                     PKDTRVAKGETALLECGPPKGIPEPTLIWIKDGVPLDDLKAMSFGASSRV----R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4 GAMENRDPPGSGSGNEVIEGPQNARVLKGSQARFNCTVSQGWK-LIMWALSDMVVLSVRP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/08374834
Patent No. 5656473
GENERAL INFORMATION:
APPLICANT: Valenzuela, et al.
TITLE OF INVENTION: NOVEL TYROSINE KINASE RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/374,834
FILING DATE: 19-JAN-1995
CLASSIFICATION: 435
CLASSIFICATION: 435
APPLICATION NUMBER: US 08/095,658
FILING DATE: 21-JUL-1993
ATTORNEY/ASTET INFORMATION:
ATTORNEY/ASTET INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches 151;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Regeneron Pharmaceuticals, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.058;
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21.0%; Pred. No. 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     777 Old Saw Mill River Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: REG 190A TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDLUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              42;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Cobert, Robert J. REGISTRATION NUMBER: 36,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (914) 345-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (914) 345-7721
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                   241 PT----WGKVGL 248
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              868 amino acids
                                                                                                                                                                                                                                                                                                                                                        372 PPPSVFWTKEGV 383
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Regeneron
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STREET: 7// CITY: Tarrytown
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nes 83; Conserv
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US-08-374-834-1
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                                       161
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Matches
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4 GAMENRDPPGSCGGNEVIEGPQNARVLKGSQARFNCTVSQGWK-LIMWALSDMVVLSVRP 62	SALQVKMKPKITKPPINVKII BGLAAVLPCII MGNEREV STINGDERLA	63 MEPIITNDRETSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNSRLHGSAY-LTVQVMG 121	NSRIAVLESGSLRIHNVQXEDAGQYRCVAKNSLGTAYSKLVKLEV 208	ELPIPSVNLVVAENEPCEVTCLPSHWTWLPDISW-ELGLLVSHSSYYFVPEP 172	EVFARILRAPESHNVTFGSFVTLRCTAIGMPVPTISMIENGNAVSSGSIQENVKD 263	SDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVIRCPQD 219	INKHGEKFST	220 TGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLTPTCTLTIRCC 267	RGEVCDAVLVXDSLVFFNTSYPDPEBAQELLIHTAMNBLKAVSPLCRPAAEAL 373	CCRRCGCNCCCCCCCFCCRRKRGFRIQFQKKSEKEKTNKETETE 312	374 LCHHLFQECSPGVLPTPMPICREYCLAVKELFCAKEWLAMEGKTH 418	SGNENSGYNSDEOKTIDIASLPPKSCESSDP 343	RGLYRSGMHFLPVPBCSKLPSMHQDP 444	
GAMENRD	GALQVK	MEPIITA	4	ELFIPS			RVIDSR	TGGGIN	RGEVCD		LCNHLF	SGNENS	RGLYRS	
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Search completed: July 30, 2004, 15:03:31 Job time : 16.052 secs

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July 30, 2004, 15:02:03; Search time 40.4731 Seconds (without alignments) 2991.654 Million cell updates/sec
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| cgn2_6/ptodata/1/pubpaa/US096_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
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GenCore version 5.1.6
(c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1291235 seqs, 313682936 residues
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Maximum Match 1008
Listing first 45 summaries
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                                                                                                         - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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seq length: 200000000
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2088
                        Copyright
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Perfect score:
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Maximum DB
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Dearryintion		Seguence 30/4, Ap	Semience 100 App	Semience 96 April	Semience 4 Appli	Semience 550 Jan	Semience 550, App	Semience 300, April	Semience 20, Appl	Seguence 325, App	Seguence 81, Appr	Sequence 125, App	Sequence 28, Appl	1957,	Sequence 899, App	
SUMMARIES ID	US-10-104-047-3074	US-10-309-290-98	US-10-309-290-100	US-10-309-290-96	US-08-755-235-4	US-10-184-644-559	US-10-184-634-559	US-10-274-583-20	US-10-231-956A-325	US-10-211-462-87	US-10-021-660-125	021 000 120 01 01 00-4361-01-01	TIS-10-276-774-1057	100 10 10 10 10 10 10 10 10 10 10 10 10	02-10-243-22499	US-10-116-275-240
DB	15	16	16	16	60	14	14	14	12	12	14	5	0	1 -	7	12
% Query Match Length DB	407	390	390	404	405	2473	2473	1477	1479	1496	1496	1496	1498	0071	0/17	750
% Query Match	95.8	7.0	7.0	7.0	6.7	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9	. 4		6.5
Score	2000	145.5	145.5	145.5	140	138.5	138.5	138	138	138	138	138	138	138	1 .	T36
Result No.	1	73	m	4	ū	9	7	80	6	10	11	12	13	14		12

Sequence 33, Appl	Sequence 26, Appl	Sequence 2, Appli	Segmence 71, Appl															POTTETE										Sequence 584, App
US-10-016-283-33	US-10-180-410-26	3-10-03-	US-10-093-463-72	US-10-094-749-3018	US-10-312-528-2	US-10-180-410-2	US-10-312-528-12	US-10-180-410-12	US-10-206-915-584	US-10-199-670-584	US-10-201-858-584	US-10-205-890-584	US-10-208-024-584	US-10-201-853-584	US-10-174-581-584	US-10-176-483-584	US-10-176-749-584	US-10-176-914-584	US-10-176-915-584	US-10-176-484-584	US-10-180-550-584	US-10-183-014-584	US-10-187-738-584	US-10-187-740-584	US-10-187-883-584	10-194-363-5		US-10-194-463-584
13	1 0	15	15	15	12	14	12	14	12	12															12	12	12	12
869	250	4675	4691	305	592	592	594	594	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708
6.3	9 4	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
132.5	131.5	129	129	128.5	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
16	18	19	20	21	22	23	24	25	56	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

ALIGNMENTS

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TCVATWKSLKARKSATVNLTVIRCPQDTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAG 252
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                                                                                                                                                                                                                                                                                                                                                                                                                                           73 TSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNSRLHGSAYLTVQVMGELFIPSVNLVV
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                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                        Length 407;
                                                                        APPLICANT: HELIX RESEARCH INSTITUTE
TITLE OF INVENTION: No. US20030236392A1el full length cDNA
FILE REFERENCE: H1-A0105
                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                Query Match 95.8%; Score 2000; DB 15; Best Local Similarity 99.2%; Pred. No. 6.5e-164; Matches 371; Conservative 1; Mismatches 2;
                                                                                                                         CURRENT APPLICATION NUMBER: US/10/104,047
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE:
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3074
US-10-104-047-3074; Sequence 3074, Application US/10104047; Publication No. US20030236392A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                      TYPE: PRT; ORGANISM: Homo sapiens
US-10-104-047-3074
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APPLICANT: Zhong, Haihong
APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METH
FILE REPERENCE: 21402-502A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     268 CCRRRCGGCNCCCRCCRCCRKRGFRIQFQKKSEKERT--NKETETESGNENSGYNSDEQ 325
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                                                                                                                                                                                                                                         64 EPIITNDRFTS-----QRYDQGGNFT--SEMIIHNVEPSDSGNIR----CSLQNSRLHGS 112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                215 RCPQDTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTMLLT-----PTCTLTIRCC 267
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         -----pragsydgsgrdrahargirggrgrahhigvi 347
                                                                                                                                                                                                                                                                                                                                      113 AYLTVQVMGELFIP----SVNLVVAENEP--------CEVTCLPSHWTWLPDIS 154
                                                                                                                                                                                                                                                                                                                                                                                  205 ALRTAPIQPRVWEPVPLEEVOLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIH 256
                                                                                                                                                                                                                                                                                                                                                                                                                                155 WELGLLVSHSSYYFVPEPSDLQSAVSILALTPQSNGTLTCVATWKSLKARKSATVNLTVI 214
                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                  ch 7.0%; Score 145.5; DB 16; Length 390; Similarity 23.5%; Pred. No. 0.00068; 77; Conservative 34; Mismatches 94; Indels 123;
                                                                                                                                               Length 390;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        326 KITDIASLPPKSCESSDPEORNSSCGPP 353
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       -----QSEEPEAGESSTGGP 390
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gould-Rothberg, Bonnie E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 100, Application US/10309290 Publication No. US20040023241A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Boldog, Ferenc L.
Burgess, Catherine E.
Chillakuru, Rajeev A.
Edinger, Shlomit R.
Gerlach, Valerie L.
Gorman, Linda
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Smithson, Glennda
Starling, Gary
Taupier, Raymond J.
Voss, Edward Z.
SOFTWARE: CuraSeqList version 0.1
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Miller, Charles E.
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ers, Michael E.
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Rastelli, Luca
Rieger, Daniel K.
Shenoy, Suresh G.
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                                                                                            ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Jeffers,
                                                                                                                                                                Query Match
Best Local Similarity
Matches 77; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-309-290-100
                        SEQ ID NO 98
LENGTH: 390
TYPE: PRT
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CURRENT FILING DATE: 2002-12-05

PRIOR PELLING DATE: 2001-12-05

PRIOR PELLING DATE: 2001-12-07

PRIOR PELLING DATE: 2001-12-17

PRIOR PELLING DATE: 2001-12-17

PRIOR PAPLICATION NUMBER: 60/341,477

PRIOR PELLING DATE: 2001-12-17

PRIOR PELLING DATE: 2001-12-17

PRIOR PELLING DATE: 2001-12-17

PRIOR APPLICATION NUMBER: 60/341,540

PRIOR PELLING DATE: 2001-12-17

PRIOR APPLICATION NUMBER: 60/342,592

PRIOR PELLING DATE: 2001-12-20

                                                                                                                                              313 SGNENSGYNSDEQKTIDTASLPPKSCESSDPEQRNSSCGPPHQRADQRPPRPASHPQASF 372
                                                     TWILTPROTITITING COCRRECCIONCOCROCROCRIRER GFRIQFOXKSEKEKTNKETETE 312
                                                                                     214 TCVATWKSLKARKSATVNLTVIRCPQDTGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAG 273
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SEQ ID NOS: 274
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APPLICANT: Alsobrook II, John P.
APPLICANT: Anderson, David W.
APPLICANT: Burgess, Catherine E.
APPLICANT: Chillakuru, Rajeev A.
APPLICANT: Garlach, Valerie L.
APPLICANT: Gerlach, Valerie L.
APPLICANT: Gorman, Linda
APPLICANT: Gorman, Linda
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PRIOR APPLICATION VNDBER: 60/344,903
PRIOR FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: 60/373,288
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PRIOR APPLICATION NUMBER: 60/380,981
PRIOR FILING DATE: 2002-05-15
                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 98, Application US/10309290
Publication No. US20040023241A1
GENERAL INFORMATION:
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Starling, Gary
Taupier, Raymond J.
Voss, Edward Z.
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Jeffers, Michael E.
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Patturajan, Meera
Peyman, John A.
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Rieger, Daniel K.
Shenoy, Suresh G.
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                                                                                                                                                                                                                                                                                     394 NLASPEKVSNTTVV 407
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Zhong, Mei
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US-10-309-290-96
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    215 RCPQDIGGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGIMLLT------PTCTLTIRCC 267
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       -----pragsyggsglgrlalalgilgglgrarligvi 347
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              or PALM.
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PRIOR FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: 60/339,285
PRIOR FILING DATE: 2001-12-07
PRIOR PELICATION NUMBER: 60/341,346
PRIOR FILING DATE: 2001-12-12
PRIOR PELING DATE: 2001-12-17
PRIOR FILING DATE: 2001-12-17
PRIOR FILING DATE: 2001-12-17
PRIOR PELICATION NUMBER: 60/341,540
PRIOR PELICATION NUMBER: 60/341,540
PRIOR PELICATION NUMBER: 60/342,592
PRIOR PELICATION NUMBER: 60/344,297
PRIOR PELING DATE: 2001-12-20
PRIOR PELING DATE: 2001-12-27
PRIOR PELING DATE: 2001-12-31
PRIOR FILING DATE: 2001-12-31
PRIOR FILING DATE: 2002-04-17
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APPLICANT: Anderson, David W.
APPLICANT: Baldog, Ferenc L.
APPLICANT: Burgess, Catherine E.
APPLICANT: Chillakuru, Rajeev A.
APPLICANT: Garger, Shlomit R.
APPLICANT: Gerlach, Valerie L.
APPLICANT: Gorman, Linda
APPLICANT: Gould-Rothberg, Bonnie E.
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Publication No. US20040023241A1
GENERAL INFORMATION:
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Jeffers, Michael E
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; ORGANISM: Homo sapiens
US-10-309-290-100
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APPLICANT:
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APPLICANT: ZOROGY WEAL
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOL
FILE REFERENCE: 21402-502A
CURRENT APPLICATION NUMBER: 05/136,600
PRIOR PLILING DATE: 2001-12-05
PRIOR FLIING DATE: 2001-12-05
PRIOR FLIING DATE: 2001-12-17
PRIOR PLILING DATE: 2001-12-20
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23.5%; Pred. No. 0.00071;
tive 34; Mismatches 94
                                                                                                                                                                                                                                     Rastelli, Luca
Rastelli, Luca
Rieger, Daniel K.
Shenoy, Suresh G.
Smithson, Glennda
Starling, Gary
Taupier, Raymond J.
Voss, Edward Z.
Zhong, Haihong
                                                                    Malyankar, Uriel M.
Miller, Charles E.
                                                                                                                                                                                                   Patturajan, Meera
Peyman, John A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 7.0%
Best Local Similarity 23.5%
Matches 77; Conservative
                                                                                                                                                             Murphey, Ryan
Weizhen
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Application US/10184634
5. US20030068684A1
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Publication No. US20030138431A1
GENERAL INFORMATION:
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Best Local Similarity 29.5%;
Matches 31; Conservative 3
                                                                                                                                                                              6.68;
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Wood, William I.
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Gurney, Austin L.
                                                                                                                                                                              Query Match
Best Local Similarity 29.55
Matches 31; Conservative
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Smith, Victoria
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Desnoyers, Luc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Baker, Kevin P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Zhang, Zemin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Homo Sapien
                                                                                                       TYPE: DNA
ORGANISM: Homo Sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 559, Applic Publication No. US20 GENERAL INFORMATION:
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                                                                                                                                            US-10-184-644-559
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                                                                                      2473
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             155 WELGLIVSHSSYYFVPEPSDLOSAVSILALTPOSNGTLTCVATWKSLKARKS-ATVNLTV 213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     214 IRCPODIGGINIPGVLSSLPSLGFSLPTWGKVGLGLAGTWLLT-----PTCTLTIRC 266
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      219 ALRTAPIQPRVWEPVPLEEVQLVV---EPEGGAVAPGGTVTLTCEVPAQPS-----PQIH 270
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   267 CCCRRRCCGCNCCCRCCRCRRKRGFRIQFQKKSEKEKT--NKETETESGNENSGYNSDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           93; Indels 124;
                                                                                                                   Sequence 4, Application US/08755235

Publication No. US20030059423A1

GENERAL INFORMATION:

APPLICANT: Stern, David M.

APPLICANT: Schmidt, Ann Marie

APPLICANT: Wi, Jun

TITLE OF INVENTION: METHOD FOR TREATING SYMPTOMS OF DIABETES

CURRENT APPLICATION METHOD FOR TREATING SYMPTOMS OF DIABETES

CURRENT APPLICATION NUMBER: US/08/755,235

CURRENT ELING DATE: 1996-11-22

NUMBER OF SEQ ID NOS: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 6.7%; Score 140; DB 8; Length 405; Best Local Similarity 23.7%; Pred. No. 0.0021; Matches 78; Conservative 34; Mismatches 93; Indels 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            325 OKTIDIASLPPKSCESSDPEORNSSCGPP 353
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          113 AYLTVOVMGELFIP----SVNLVVAENEP----
353
                         ---OŚEEPEAGESSTGGP
 326 KTTDTASLPPKSCESSDPEORNSSCGPP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 559, Application US/10184644
Publication No. US20030044930A1
GENERAL INFORMATION:
APPLICANT: Baker Kevin P.
APPLICANT: Chen, Jian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Smith, Victoria
Watanabe, Colin K.
Wood, William I.
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Godowski, Paul J.
Gurney, Austin L.
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                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Human
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US-10-184-644-559
                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 405
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                                                                                                 RESULT 5
US-08-755-235-4
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APPLICANT:
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APPLICANT:
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APPLICANT: Exelixis, Inc.
TITLE OF INVENTION: LRRCAPS AS MODIFIERS OF THE p53 PATHWAY AND METHODS OF USE
FILE REFERENCE: EX02-119C
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                                                                                                                                                                                                                                                                                                           7
                                                                                                                                                                                                                                                                                                                                                        183 ALTPOSNGTLICVATWKSLKARKSATVNLTVIRCPODIGGGINIPGVLSSLPSLGFSLPT 242
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3430R1C217
CURRENT APPLICATION NUMBER: US/10/184, 634
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Pred. No. 0.032;
3; Mismatches 36; Indels 35;
                                                                                                                                                                                                                                                           Length 2473;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             243 WGKVGLGLAGTMLLTPTCTLTIRCCCCR-RRCCGCNCCCRCCFCC 286
                                                                                                                                                                                                                                              Score 138.5; DB 14; Leasure 14. No. 0.032; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT FILING DATE: 2002-06-28
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
CURRENT APPLICATION NUMBER: US/10/184,644
CURRENT FILING DATE: 2002-06-28
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 559
                                                                                                                                                                                                                                                                                                                                                                                                                   2274 AATTGAAGTTTCAATTAAAATTTAATATGTTTCC
                                                                                                                                                                                                                                                                                                                 3; Mismatches
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169

481 220 535

264

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APPLICANT: Glynne, Richard

APPLICANT: Glynne, Richard

APPLICANT: Aly, Natabar

APPLICANT: Aly, Natabar

APPLICANT: Aly, Natabar

APPLICANT: Bos Biotechnology, Inc.

TITLE OF INVENTION: Methods of Diagnosis of Angiogenesis Modulators

TITLE OF INVENTION: Methods of Screening for Angiogenesis Modulators

TITLE OF INVENTION: Methods of Screening for Angiogenesis Modulators

TITLE OF INVENTION: Methods of Screening for Angiogenesis Modulators

TITLE OF INVENTION: MOBER: US/10/211, 462

CURRENT APPLICATION NUMBER: US 09/794,356

PRIOR PILING DATE: 2001-02-13

PRIOR PILING DATE: 2001-02-22

PRIOR PILING DATE: 2001-02-22

PRIOR PILING DATE: 2001-02-22

PRIOR PILING DATE: 2001-02-22

PRIOR PILING DATE: 2001-02-3

PRIOR PILING DATE: 2001-02-3

PRIOR PILING DATE: 2001-02-3

PRIOR PILING DATE: 2001-10-90

PRIOR PILING DATE: 2001-10-90

PRIOR PILING DATE: 2001-11-29

NUMBER OF SEQ ID NOS: 230

SOFTWARR: PATENTIN VET: 2.1

SERVING APPLICATION VET: 2.1
                                                                                        382 PLPVDPRVNITPS------GG-----LYIQNVVQGDSGEYACSATNNIDSVHATAF 426
                                                       57 VLSVRPMEPIITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRÇSLQNS--RLHGSAY 114
                                                                                                                                                                                                                                                                                                                                                                 322 VAGEVKTQEVTLRYFGSPARPTFVIQPQNTEVLVGESVTLECSATGHPPPRISWTRGDRT 381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              57 VLSVRPMEPIITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNS--RLHGSAY 114
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                                                                                                                                                  115 LTVQVMGELFIPSVNLVVAENE----PCEVTCLPSHWTWLPDISW-ELGLLVSHSSYYFV
                                                                                                                                                                               482 LSSGTLR--ISGVALHDQ--GQYECQAV--NIIGSQKVVAHLTVQPRVTPVFASIPSDTT
                                                                                                                                                                                                                                        170 PEPSDLQSAVSILALIPQSNGTLTCVATWKSLKARKSATVNLTV-----IRCPQDT-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 VAGAMENRDPP----GSGGSGNEVIEGPQNARVLKGSQARFNCTVS-QCWKLIMWALSDMV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   399 PLPVDPRVNITPS-----GG----LYIQNVVQGDSGEYACSATNNIDSVHATAF
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6.6%; Score 138; DB 12;
Best Local Similarity 25.1%; Pred. No. 0.018;
Matches 78; Conservative 38; Mismatches 127;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 87, Application US/10211462
Publication No. US20040033495A1
GENERAL INFORMATION:
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ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     382 PLPVDPRVNITPS-----GG----LYIQNVVQGDSGEYACSATNNIDSVHATAF 426
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           427 IIVQALPQFTVTPQDRVVIEGQTVDFQCEAKGNPP----PVIAWTKGGSQLSVDRRHLV 481
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ----IRCPQDT- 220
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ---GGGINIPGVLSSLPSLGFSLP--TWGKVGLGL--AGTMLLTPTCTLTI-----
                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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                                                                                                                                                                                                                                                                                                                                                                     6.6%; Score 138; DB 14; Length 1477;
25.1%; Pred. No. 0.018;
Live 38; Mismatches 127; Indels 68
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 6.6%; Score 138; DB 12; Length 1/Best Local Similarity 25.1%; Pred. No. 0.018;
Matches 78; Conservative 38; Mismatches 127; Indels
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APPLICANT: Xu, Weiduan
APPLICANT: Bogenberger, Jakob
APPLICANT: Holland, Sacha
APPLICANT: Rigel Pharmaceuticals, Incorporated
TITLE OF INVENTION: Modulators of Angiogenesis
FILE REFERENCE: 021044-00410018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/231,956A
CURRENT FILING DATE: 2001-08-30
NUMBER OF SEQ ID NOS: 522
SOFTWARE: FASTSEQ for Windows Version 3.0
CURRENT APPLICATION NUMBER: US/10/274,583
                CURRENT FILING DATE: 2002-10-21

PRIOR APPLICATION NUMBER: 60/338,733

PRIOR FILING DATE: 2001-10-22

PRIOR FILING DATE: 2002-02-15

PRIOR FILING DATE: 2002-02-15

PRIOR PILING DATE: 2002-02-15

PRIOR FILING DATE: 2002-03-01

NUMBER OF SEQ ID NOS: 24

SEQ ID NO 20

LENGTH: 1477
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                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                                                                  ; ORGANISM: Homo sapiens
US-10-274-583-20
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US-10-231-956A-325
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Best Local Similarity
Matches 78; Conserv
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US-10-231-956A-325
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LENGTH: 1479
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115 LTVQVMGELFIPSVNLVVAENE----PCEVTCLPSHWTWLPDISW-ELGLLVSHSSYYFV 169
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      57 VLSVRPMEDIITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNS--RLHGSAY 114
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                                                                                                                                                                              APPLICANT: ZHANG, ZEMIN

TITIES OF INVENTION: TREATMENT OF TUMOR

TITIES OF INVENTION: TREATMENT OF TUMOR

FILE REFERENCE: PSO14R1-PCT

CURRENT APPLICATION NUMBER: US/10/331,496A

CURRENT FILING DATE: 2002-12-30

PRIOR APPLICATION NUMBER: US 60/345,444

PRIOR APPLICATION NUMBER: US 60/351,885

PRIOR PILING DATE: 2002-01-02

PRIOR APPLICATION NUMBER: US 60/350,066

PRIOR APPLICATION NUMBER: US 60/360,066

PRIOR APPLICATION NUMBER: US 60/362,004

PRIOR APPLICATION NUMBER: US 60/366,869

PRIOR PILING DATE: 2002-03-20

PRIOR FILING DATE: 2002-03-20

PRIOR FILING DATE: 2002-03-20

PRIOR FILING DATE: 2002-03-21

PRIOR FILING DATE: 2002-03-21

PRIOR FILING DATE: 2002-03-21

PRIOR FILING DATE: 2002-03-28

PRIOR FILING DATE: 2002-03-28

PRIOR FILING DATE: 2002-03-28

PRIOR FILING DATE: 2002-03-28

PRIOR FILING DATE: 2002-03-28

PRIOR FILING DATE: 2002-03-28

PRIOR FILING DATE: 2002-03-28

PRIOR FILING DATE: 2002-03-28

PRIOR FILING DATE: 2002-08-19

PRIOR FILING DATE: 2002-08-19

PRIOR FILING DATE: 2002-08-19

PRIOR FILING DATE: 2002-08-19

PRIOR FILING DATE: 2002-08-19

PRIOR FILING DATE: 2002-08-19

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Sequence 1957, Application US/10276774

Publication No. US20040053245A1

GENERAL INFORMATION:

APPLICANT: Hybeq, Inc.

APPLICANT: Tang, Y, Tom et al
                                                                                                             WILLIAMS, P. MICKEY
WU, THOMAS D.
ZHANG, ZEMIN
PHILLIPS, HEIDI S.
                                                                                    SPENCER, SUSAN D.
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ORGANISM: Homo sapien
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LENGTH: 1496
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APPLICANT: Watson, Susan R.
APPLICANT: Watson, Susan R.
APPLICANT: Watson, Susan R.
APPLICANT: EOS Biotechnology, Inc.
TITLE OF INVENTION: NO US2003152926Alel Methods of Diagnosis of Angiogenesis, TITLE OF INVENTION: Compositions and Methods of Screening for Angiogenesis TITLE OF INVENTION: Modulators
TITLE OF INVENTION: Modulators
TITLE OF INVENTION: MOMBER: US/10/021,660
CURRENT APPLICATION NUMBER: US/10/021,660
CURRENT APPLICATION NUMBER: US/09/784,356
PRIOR FILING DATE: 2001-02-14
PRIOR FILING DATE: 2001-08-11
PRIOR FILING DATE: 2000-08-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 444 IIVQALPQFTVTPQDRVVIEGQTVDPQCEAKGNPP----PVIAWTKGGSQLSVDRRHLV 498
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                                                                          553 VEVGANVQLP----CSSQGEPEPAITWNKDGVQVTESGKEHISPEGFLTINDVGPADAG 607
                                        264
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25.1%; Pred. No. 0.018;
Live 38; Mismatches 127; Indels 68
                                              ---GGGINIPGVLSSLPSLGFSLP--TWGKVGLGL--AGTMLLTPTCTLTI
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SOFTWARE: FastSEQ for Windows Version 3.0
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; Sequence 28, Application US/10331496A
; Publication NO. US20030228305A1
; GENERAL INFORMATION:
APPLICANT: FRANTZ, GRETCHEN
; APPLICANT: HILLAN, KENNETH J.
                                                                                                                                                                                                                                                                                                                                                                            Sequence 125, Application US/10021660 Publication No. US20030152926A1 GENERAL INFORMATION:
APPLICANT: Murray, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 25.1%
Matches 78; Conservative
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US-10-021-660-125
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US-10-021-660-125
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LENGTH: 1496
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TITLE OF INVENTION: No. US20040053245Alel Nucleic Acids and Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ---GGGINIPGVLSSLPSLGFSLP--TWGKVGLGL--AGTMLLTPTCTLTI------
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                                                                                                                                                                                                                                                                                                                                                                                          127; Indels
                                                                                                                                                                                                                                                                                                                                              6.6%; Score 138; DB 1.
25.1%; Pred. No. 0.018;
tive 38; Mismatches 1.
                   FILE REFERENCE: 21272-030
CURRENT APPLICATION NUMBER: US/10/276,774
CURRENT FILING DATE: 2002-11-18
PRIOR APPLICATION NUMBER: 09/496,914
PRIOR FILING DATE: 2000-04-27
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 2700
SOFTWARE: Custom
SOFTWARE: Custom
SOFTWARE: Custom
LENGTH: 1498
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/243,552
CURRENT FILING DATE: 2002-09-12
PRIOR PAPLICATION NUMBER: US 60/322,511
PRIOR FILING DATE: 2001-09-13
PRIOR FILING DATE: 2001-09-13
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: PCT/US00/35017
PRIOR APPLICATION NUMBER: US 09/488,725
PRIOR APPLICATION NUMBER: US 09/552,317
PRIOR APPLICATION NUMBER: PCT/US01/02623
PRIOR FILING DATE: 2000-04-25
PRIOR FILING DATE: 2001-01-25
PRIOR FILING DATE: 2001-01-25
PRIOR FILING DATE: 2001-01-25
PRIOR FILING DATE: 2001-01-25
PRIOR FILING DATE: 2000-04-25
PRIOR FILING DATE: 2000-01-25
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APPLICANT: Yang, Yooghong
APPLICANT: Wang, Zhiwei
APPLICANT: Weng, Zhiwei
APPLICANT: Weng, Gezhi
APPLICANT: Ma, Yunqing
TITLE OF INVENTION: Novel Nucleic Acids and
FILL OF INVENTION: Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 899, Application US/10243552
Publication No. US20030224379A1
GENERAL INFORMATION:
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Best Local Similarity 25.1.
Rest Local Riminarity 25.1.
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US-10-276-774-1957
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US-10-243-552-899
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APPLICANT: Elan Pharmaceutical Technology
APPLICANT: Elan Pharmaceutical Technology
APPLICANT: Brayden, David
APPLICANT: Brayden, David
APPLICANT: Brayden, David
APPLICANT: Lambkin, Imelda
APPLICANT: Lambkin, Imelda
APPLICANT: Lambkin, Imelda
APPLICANT: Lambkin, Isa
APPLICANT: Higgins, Lisa
TITLE OF INVENTION: Compositions Targeting Peyer's Patches and M Cells and Methods and
TITLE OF INVENTION: Compositions Targeting Peyer's Patches and M Cell Receptors
CURRENT APPLICATION NUMBER: US/10/116,275
CURRENT FILING DATE: 2022-10-04
NUMBER OF SEQ ID NOS: 349
SOFTWARE: Patentin version 3.1
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              PRIOR APPLICATION NUMBER: US 09/496,914
PRIOR FILING DATE: 2000-02-03
PRIOR PILING DATE: 2000-04-27
PRIOR FILING DATE: 2000-04-27
PRIOR FILING DATE: 2001-02-26
PRIOR FILING DATE: 2001-02-26
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 998
SOFTWARE: pt_FL_genes Version 5.0
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Publication No. US20030211476A1
GENERAL INFORMATION:
FILING DATE: 2001-02-05
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ORGANISM: Homo sapiens
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LENGTH: 750
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us-09-729-264-4.rapb

qq	215 RNPASSRTGNEAEVRILSDPGLHRQLYFLQRPSNVVAIEGKDAVLECCVS-GYPPPSFTW 273
δλ	51 ALSDMVVLSVRPMEPIITNDRFTSQRYDQGGNFTSEMIIHNVEPSDSGNIRCSLQNSR 108
Db	srree
ŏ	109 LHGSAYLTVQVMGELFIPSVNLVVAENEPCEVTCLPSHWTWLPDISW-ELGLLVSHSSYY 167
qq	319 ISASABLITVLVPPWFLNHPSNLYAYESMDIEFECTVSGKP-VPTVNWMKNGDVVIPSDYF 377
ζ	168 FVPEPSDLOSAVSILALTPOSNGTLTCVATWKSLKARKSATVNLTVIRCPODTGGGINIP 227
Op	378 QIVGGSNLRILGVVKSDEGFYQCVAENEAGNAQTSAQLIVPKPAIPSSS 426
Š	228 GVLSSLP 234
Dp	427 -VLPSAP 432

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ORGANISM: human
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US-09-253-691-3/c
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Sequence 1, Appli
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Sequence 14, Appl
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/cgnZ_6/ptodata/2/ina/6B_COMB.seg:*
/cgnZ_6/ptodata/2/ina/PcTUS_COMB.seg:*
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            Compugen Ltd
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US-09-491-356C-13

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US-09-491-356C-16

US-09-491-356C-18

US-09-491-356C-18

US-09-491-356C-18

US-09-539-333D-1

US-09-539-333D-1

US-09-620-312D-475

US-09-086-63A-70

US-09-086-63A-70

US-09-081-325C-7

US-09-081-325C-7

US-09-081-3278-1

US-09-081-385C-7

US-09-081-385C-7

US-09-081-385C-7

US-09-081-385C-7

US-09-081-3878-1
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compug
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US-09-181-585-1
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US-07-814-964-12
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Listing first 45 summaries
                                                - nucleic search, using sw model
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Gapop 10.0 , Gapext 1.0
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length: 2000000000
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Sequence 3, Application US/09253691

Patent No. 6124100
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Using Trinucleotide Repeats Sequence
TITLE OF INVENTION: Using Trinucleotide Repeats Sequence
TITLE OF INVENTION: Using Trinucleotide Repeats Sequence
TITLE OF APPLICATION WIMBER: US/09/253,691
CURRENT FILING DATE: 1999-02-22
EARLIER APPLICATION NUMBER: KR 98-6,278
EARLIER PILING DATE: 1996-02-26
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; Sequence 3, Application US/08531927B
; Patent No. S8404D1.
; Patent No. S8404D1.
; APPLICANT: Kakizuka, Akira
; TITLE OF INVENTION: DNA Sequence Encoding the Machado-Joseph
; Patent No. S840491
; TITLE OF INVENTION: Disease Gene and Uses Thereof
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
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Pred. No. 1.7e-05;
0; Mismatches 62; Indels
US-09-780-049-18

US-09-475-515-45

US-09-475-515-45

US-09-475-515-45

US-09-817-180-1

US-08-043-303-12

US-09-043-303-12

US-09-043-303-7

US-09-591-383-5

US-09-740-041-3

US-09-740-041-3

US-08-185-432-3

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SOFTWARE: WordPerfect 6.1/Windows
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GENERAL INFORMATION:

APPLICANT: Philibert, Robert A.

APPLICANT: Ginns, Edward I.

APPLICANT: Ginns, Edward I.

APPLICANT: Delisi, Lynn

TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13

FILE REPERENCE: 9465.6US11

CURRENT FILING DATE: 2000-01-26

PRIOR APPLICATION NUMBER: PCT/US99/09365

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR PILING DATE: 1999-04-29

NUMBER OF SEQ ID NOS: 24

SOFTWARE: PATENTIN VETSION 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Philibert, Robert A. A. APPLICANT: Chins, Edward I. APPLICANT: Ginns, Edward I. APPLICANT: Ginns, Edward I. APPLICANT: Ginns, Louis I. Junn TITLE OF INVENTION: LDENISI, Lynn TITLE OF INVENTION: LDENISI, Lynn TITLE OF INVENTION: UDENISI CURRENT APPLICATION NUMBER: US/09/491,356C CURRENT FILING DATE: 2000-01-26 PRIOR APPLICATION NUMBER: PCT/US99/09365 PRIOR FILING DATE: 1999-04-29 PRIOR FILING DATE: 1999-04-29 PRIOR FILING DATE: 1999-04-29 NUMBER OF SEQ ID NOS: 24 SOFTWARE: PATEUTIN VERSION 3.1 SEQ ID NOS: 24 SOFTWARE: PATEUTIN VERSION 3.1
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                                                                                           Gaps
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               Score 47.6; DB 4; Length 2733;
Pred. No. 0.001;
0; Mismatches 19; Indels 0;
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; Sequence 14, Application US/09491356C
; Patent No. 6566061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-491-356C-13/c; Sequence 13, Application US/09491356C; Patent No. 6566061; GENERAL INFORMATION:
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Best Local Similarity 81.2%;
Matches 52; Conservative
                  Query Match
Best Local Similarity 75.6%;
Matches 59; Conservative
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CORGANISM: Homo sapiens
US-09-491-356C-13
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ORGANISM: Homo sapiens
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APPLICANT: The Trustees of Columbia University
APPLICANT: The Trustees of Columbia University
APPLICANT: The Trustees of Columbia University
APPLICANT: Exic
TITLE OF INVENTION: Brain Cyclic Nucleotide Gated Ion Channel and Uses Thereof
FILE REFERENCE: 0575/54606
CURRENT APPLICATION NUMBER: US/08/997, 685A
CURRENT PILING DATE: 1997-12-12
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn version 3.1
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                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Flopped disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,927B
FILING DATE: 21-SEP-1995
CLASSIFICATION NUMBER: JP H6-251600
FILING DATE: 21-SEP-1994
ATTORNEY/AGRNT INFORMATION:
NAMM: Granahan, Particial
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: ATH95-01A
TELEPRAX: 617-861-6340
TELEPRAX: 617-861-6340
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Pred. No. 0.00018;
2; Mismatches 70;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 617-861-9540 INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS:
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Best Local Similarity 57.8%;
Matches 100; Conservative
Two Militia Drive
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
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                                     Lexington
Massachusetts
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; LENGTH: 2733
; TYPE: DNA
; ORGANISM: mouse
US-08-997-685A-1
                                                                                                                 USA
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US-08-997-685A-1/c
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LOCATION:
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LOCATION:
US-08-531-927B-3
                                                                                                              COUNTRY:
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Gaps

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; ORGANISM: Homo sapiens
US-09-491-356C-17
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LENGTH: 6794
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Patent No. 656601

GENERAL INFORMATION:

APPLICANT: PAILIBERT, Robert A.

APPLICANT: Ginns, Edward I.

APPLICANT: Delisi, Lynn

TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13

FILE REFERENCE: 9465.6US11

CURRENT APPLICATION NUMBER: US/09/491,356C

CURRENT FILING DATE: 1999-04-29

PRIOR APPLICATION NUMBER: PCT/US99/09365

PRIOR APPLICATION NUMBER: PCT/US99/09365

PRIOR APPLICATION NUMBER: C0/083,465

PRIOR FILING DATE: 1998-04-29

NUMBER OF SEQ ID NOS: 24

SOFTWARE: PatentIn version 3.1

SEQ ID NO 16

LENGTH: 265
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Sequence 17, Application US/09491356C

Sequence 17, Application US/09491356C

Sequence 17, Application US/09491356C

Sequence 17, Application US/09491356C

Sequence 17, Application:

APPLICANT: Philibert, Robert A.

APPLICANT: Philibert, Robert A.

APPLICANT: Delins, Edward I.

APPLICANT: Delins, Edward I.

APPLICANT: Delins, Lynn

TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13

FILE REPERENCE: 946-6051

CURRENT FILING DATE: 1999-04-29

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR APPLICATION NUMBER: 60/083,465

NUMBER OF SEQ ID NOS: 24

SOFTWARE: Patentin version 3.1

LENGTH: 265

TYPE: DNA
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                                          Query Match 3.6%; Score 44.8; DB 4; Length 265; Best Local Similarity 81.2%; Pred. No. 0.0016; Matches 52; Conservative 0; Mismatches 12; Indels
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3.6%; Score 44.8; DB 4; Length 265;
Best Local Similarity 81.2%; Pred. No. 0.0016;
Matches 52; Conservative 0; Mismatches 12; Indels
                                                                                                                                      873 GCTGCTGCTGCCGCCGTCGTTGTTGTGCCTGCAACTGCTGCTGCTGC
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; ORGANISM: Homo sapiens
US-09-491-356C-16
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US-09-491-356C-14
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Sequence 18, Application US/09491356C

| Sequence 18, Application US/09491356C
| Patent No. 656601
| GENERAL INFORMATION:
| APPLICANT: Philibert, Robert A. |
| APPLICANT: Philibert, Bdward I. |
| APPLICANT: Belisi, Lynn
| TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13 |
| FILE REFERENCE: 9456.6US1|
| CURRENT APPLICATION NUMBER: US/09/491,356C |
| PRIOR APPLICATION NUMBER: PCT/US99/09365 |
| PRIOR FILING DATE: 1998-04-29 |
| PRIOR FILING DATE: 1998-04-29 |
| NUMBER OF SEQ ID NOS: 24 |
| SEQ ID NO 18 |
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Patent No. 6566061

GENERAL INFORMATION:
APPLICANT: Philibert, Robert A.
APPLICANT: Ginns, Edward I.
APPLICANT: Delisi, Lynn
FILE REPERENCE: 9465.6US11
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT FILING DATE: 1999-04-29
PRIOR FILING DATE: 1999-04-29
PRIOR FILING DATE: 1998-04-29
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn version 3.1
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                                                                                                                                                                                                     873 GCTGCTGCTGCTGCTCGTTGTTGTGGCTGCAACTGCTGCTGCCGTTGTTGTTTCT
                                                                                                                                                                                                                                                                                                           873 GCTGCTGCTGCTGCCGCCGTCGTTGTTGTGCCAACTGCTGCTGCCGTTGTTGTTTCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                     Gaps
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          Length 265;
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Query Match
3.6%; Score 44.8; DB 4;
Best Local Similarity 81.2%; Pred. No. 0.0016;
Matches 52; Conservative 0; Mismatches 12;
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3.6%; Score 44.8; DB 4;
Best Local Similarity 81.2%; Pred. No. 0.0016;
Matches 52; Conservative 0; Mismatches 12;
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APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Ilya
APPLICANT: Blumeleret, Lydie
APPLICANT: Bougueleret, Lydie
APPLICANT: Boioux, Barrard
APPLICANT: Broom SCHIZOPHRENIA ASSOCIATED GENES, PROTEINS AND BIALLELIC MARKERS
FILE REPRENCE: GENEST.047AUS
CURRENT APPLICATION NUMBER: US/09/539,333D
CURRENT FILING DATE: 2000-03-30
                                                                                                                                  23944 GCIGTIGCIGCTGCTGTTGCTGTTGCTGCTGCTGCTGCTGCTGCTGTTGCTGTTGCT 23885
                                                                                      932
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LOCATION: 31..1107
OTHER INFORMATION: 5'regulatory region g35018 gene
Pred. No. 0.047;
            81.2%; Pred. .v..
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PRIOR PELING DATE: 1999-03-30
PRIOR APPLICATION NUMBER: US 60/126,903
PRIOR PILING DATE: 1999-04-30
PRIOR PILING DATE: 1999-04-30
PRIOR PILING DATE: 1999-04-30
PRIOR PILING DATE: 1999-07-14
PRIOR PELING DATE: 1999-07-14
PRIOR PELING DATE: 1999-07-14
PRIOR PELING DATE: 1999-07-27
PRIOR PELING DATE: 1999-07-27
PRIOR PELING DATE: 1999-07-29
PRIOR PELING DATE: 1999-07-29
PRIOR PELING DATE: 1999-07-29
PRIOR APPLICATION NUMBER: US 60/146,453
PRIOR APPLICATION NUMBER: US 60/146,453
PRIOR APPLICATION NUMBER: US 60/146,453
PRIOR PELING DATE: 1999-07-29
PRIOR APPLICATION NUMBER: US 60/146,453
PRIOR PELING DATE: 1999-10-28
PRIOR PELING DATE: 1999-10-28
PRIOR PELING DATE: 1999-10-28
PRIOR PELING DATE: 1999-10-12
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LOCATION: 18778..18862
OTHER INFORMATION: exon Bbis 935018 gene
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OTHER INFORMATION: exon C 935018 gene
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OTHER INFORMATION: exon A 935018 gene
                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application US/09539333D
Parent No. 6476208
GRNERAL INFORMATION:
APPLICANT: Cohen, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: exon B 935018
                      Best Local Similarity 81.2
Matches 52; Conservative
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25593..25740
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SEQ ID NO 1
LENGTH: 319608
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US-09-539-333D-1/c
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Sequence 1, Application US/09491356C

GENERAL INFORMATION:
APPLICANT: Ginns, Edward I.
APPLICANT: Ginns, Edward I.
APPLICANT: Ginns, Lyan
TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
FILE REFERENCE: 9465.GUS1
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT FILING DATE: 1000-01-26
PRIOR FILING DATE: 1999-04-29
PRIOR PLILING DATE: 1999-04-29
PRIOR PLILING DATE: 1998-04-29
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PATCHILIN VETSION 3.1
SEQ ID NO 1
LENGTH: 55298
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                                                                                                                       Length 6794;
                                                                                                                       Query Match 3.6%; Score 44.8; DB 4; Length 6 Best Local Similarity 76.4%; Pred. No. 0.012; Matches 55; Conservative 0; Mismatches 17; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc feature
LOCATION: (485)
OTHER INFORMATION: n is not determined
NAME/KEY: misc feature
LOCATION: (838)...(838)
OTHER INFORMATION: n is not determined
NAME/KEY: misc feature
LOCATION: (16728)...(16728)
OTHER INFORMATION: n is not determined
NAME/KEY: misc feature
LOCATION: (22750)...(22750)
OTHER INFORMATION: n is not determined
NAME/KEY: misc feature
LOCATION: (22750)...(22750)
OTHER INFORMATION: n is not determined
NAME/KEY: misc feature
LOCATION: (22756)...(22756)
OTHER INFORMATION: n is not determined
OTHER INFORMATION: n is not determined
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LOCATION: (44804). (44804)
OTHER INFORMATION: n is not determined
NAME/KEY: misc_feature
LOCATION: (45002). (45002)
OTHER INFORMATION: n is not determined
NAME/KEY: misc_feature
LOCATION: (54049). (54049)
OTHER INFORMATION: n is not determined
NAME/KEY: misc_feature
LOCATION: (54049)
OTHER INFORMATION: n is not determined
LOCATION: (54226). (54226)
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LOCATION: (28519)..(28519)
OTHER INFORMATION: n is not determined
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OTHER INFORMATION: n is not determined
                                                                                                                                                                                                                                                                                                                                                                          6289 GCTGCTGCCGCA 6278
                                                                                                                                                                                                                                                                                                                            933 GCTGTAGAAGAA 944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
                            ; TYPE: DNA; ORGANISM: Homo sapiens US-09-491-356C-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 10
US-09-491-356C-1/c
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NAME/KEY: exon

3.6%; Score 44.8; DB 4; Length 55298;

Query Match

us-09-729-264-5.jul2004.rni

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Query Match 3.6%; Score 44.2; DB 4; Length 319608; Best Local Similarity 66.0%; Pred. No. 0.22; Matches 64; Conservative 0; Mismatches 33; Indels 0;
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LOCATION: 240528..240569
OTHER INFORMATION: exon M1117 complement g34872 gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: exon
LOCATION: 240528..240596
OTHER INFORMATION: exon M1090 complement g34872 gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: exon
LOCATION: 240528..240617
OTHER INFORMATION: exon M1069 complement g34872 gene
                                                                                                                                                                                                                                                                                                                           NAME/KEY: exon
LOCATION: 237406..237428
OTHER INFORMATION: exon Nbis complement g34872 gene
    OTHER INFORMATION: exon Obis complement 934872 gene
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OTHER INFORMATION: exon M862 complement g34872 gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: exon
LOCATION: 240528..240994
OTHER INFORMATION: exon M692 complement g34872 gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: exon
LOCATION: 240800..240993
LOCATION: 240800..240993
PERTURE INFORMATION: exon MS1 complement g34872 gene
PEATURE:
NAME/KEY: misc_feature
LOCATION: 241686..243685
OTHER INFORMATION: 5'regulatory region g34872 gene
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LOCATION: 240528..240644
OTHER INFORMATION: exon MS2 complement g34872 gene
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NAME/KEY: misc_feature
LOCATION: 290652..292652
OTHER INFORMATION: 3'regulatory region g34665 gene
                                                                  LOCATION: 231787..231880
OTHER INFORMATION: exon O2 complement g34872 gene
                                                                                                                                                                                                                                                                                                                                                                                                          FEALUAL:
NAME/KEY: exon
LOCATION: 239719..239807
OTHER INFORMATION: exon N2 complement g34872 gene
                                                                                                                  FEATURE:
NAME/KEY: exon
LOCATION: 231870..231879
OTHER INFORMATION: exon 01 complement 934872 gene
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NAME/KEY: exon
LOCATION: 240528...241685
OTHER INFORMATION: exon MI complement g34872 gene
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LOCATION: 234174..234321
OTHER INFORMATION: exon O complement g34872 gene
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LOCATION: 239719. 239853
OTHER INFORMATION: exon N complement g34872 gene
                                               NAME/KEY: exon
LOCATION: 231787..231880
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NAME/KEY: exon
LOCATION: 292653..292841
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LOCATION: 215819..215975
OTHER INFORMATION: exon Rbis complement g34872 gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY: exon
LOCATION: 216661..216952
OTHER INFORMATION: exon Qbis complement g34872 gene
                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc feature
LOCATION: 65854..67854
OTHER INFORMATION: 3'regulatory region g35018 gene
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MANE/KEY: misc_feature
ACCATION: 213818..215818

THER INFORMATION: 3'regulatory region g34872 gene
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OCCATION: 217027..217061
TJTHER INFORMATION: exon Q1 complement g34872 gene
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NAME/KEY: exon
LOCATION: 230408..230721
OTHER_INFORMATION: exon P complement g34872 gene
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ACCATION: 215819..215941
OTHER INFORMATION: exon R complement g34872 gene
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OCATION: 216661..217061
THER INFORMATION: exon Q complement g34872 gene
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LOCATION: 229647..229742
DTHER INFORMATION: exon X complement g34872 gene
                                                                NAME/KEY: exon
LOCATION: 29967..30282
OTHER INFORMATION: exon E 935018 gene
FEATURE:
                                                                                                                                                      NAME/KEY: exon
LOCATION: 64666..64812
OTHER INFORMATION: exon F g35018 gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: exon
OCATION: 215702..215746
OTHER INFORMATION: exon U 935030 gene
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OCCATION: 216836..216915
WHER INFORMATION: exon V 935030 gene
LOCATION: 29388..29502
OTHER INFORMATION: exon D g35018 gene
                                                                                                                                                                                                                                                                    LOCATION: 65505..65853
OTHER INFORMATION: exon G g35018 gene
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NAME/KEX: exon
COCATION: 201188.201234
OTHER INFORMATION: exon S g35030 gene
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OCATION: 214676..214793
THER INFORMATION: exon T g35030 gene
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LOCATION: 94124..94964
OTHER INFORMATION: exon 935017
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LOCATION: 231272..231412
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NAME/KEX: allele
LOCATION: 17358
LOCATION: 17358
LOCATION: 17358
LOCATION: 18957
OTHER INFORMATION: 99-5862-167 : polymorphic base A or G
NAME/KEX: allele
NAME/KEX: allele
LOCATION: 197163
OTHER INFORMATION: 99-24658-410 : polymorphic base A or G
NAME/KEX: allele
LOCATION: 197163
OTHER INFORMATION: 89-24658-410 : polymorphic base A or G
NAME/KEX: allele
LOCATION: 200778
LOCATION: 200778
LOCATION: 202651
OTHER INFORMATION: 8-303-235 : polymorphic base A or G
NAME/KEY: allele
LOCATION: 202651
OTHER INFORMATION: 8-300-221 : polymorphic base A or G
NAME/KEY: allele
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: allele
LOCATION: 160876
OTHER INFORMATION: 99-24634-108 : polymorphic base A or
                                                                                                                                                                                                                                              or
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LOCATION: 205206
OTHER INFORMATION: 8-295-248 : polymorphic base A or (
NAME/KEY: allele
LOCATION: 205229
                                                                                                                                                                                                       NAWE/KEY: allele
LOCATION: 8316
OTHER INFORMATION: 99-27943-150 : polymorphic base G
                                                                                                                                                                                                                                                                                                 : polymorphic base G
                                                                                                                                                                                                                                                              NAME/KEY: allele
LOCATION: 21672
OTHER INFORMATION: 99-27935-193 : polymorphic base G
NAME/KEY: allele
LOCATION: 65485
OTHER INFORMATION: 8-128-33 : polymorphic base C or
                                                                                                                                                                     LOCATION: 247803..249803
OTHER INFORMATION: 3'regulatory region
                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: allele
LOCATION: 95396
OTHER INFORMATION: 99-31960-363:
NAME/KEY: allele
LOCATION: 107281
OTHER INFORMATION: 99-24656-260:
NAME/KEY: allele
LOCATION: 160640
OTHER INFORMATION: 99-24639-163:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: allele
LOCATION: 170810
OTHER INFORMATION: 99-16100-147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION: 202679
OTHER INFORMATION: 8-300-193:
NAME/KEX: allele
LOCATION: 203378
OTHER INFORMATION: 8-299-128:
NAME/KEY: allele
LOCATION: 204138
OTHER INFORMATION: 8-296-213:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: allele
LOCATION: 204605
OTHER INFORMATION: 8-252-190
NAME/KEY: allele
LOCATION: 204934
                                   NAME/KEY: exon
LOCATION: 244353..244561
OTHER INFORMATION: exon Y
                                                                                                          LOCATION: 246273..247802
OTHER INFORMATION: exon Z
                   DITHER INFORMATION: exon X
 LOCATION: 241072..241291
                                                                                                                                                   NAME/KEY: misc feature
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OTHER INFORMATION:
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                                                                                                                                                                                                                                                          31167 İGTATTAĞICTCTTIGĞCTĞCCATATAATAATAACACTGTCİĞĞGTĞGCTTGAACAACAT 31108
24 TGGATCAGTTTCCTAGGCTGCCATAACAAAGCACCATAACCTGGTGGCTTAGAACAATGG 83
                                                                                                    31107 AAACCTATTTCTCACAGTTCTAGGGGCTGGAAATCC 31071
                                                                              84 AAAGGCATTTGCTCACGGTTCCAGAAGCTGTAGGTTC 120
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NAME/KEY: misc_feature
LOCATION: 199122..201122
OTHER INFORMATION: 5'regulatory region
                                                                                                                                                                                                           Sequence 1, Application US/09679409 Patent No. 6555316
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OTHER INFORMATION: exon W2
NAME/KEY: exon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: 201123..201560
OTHER INFORMATION: exon S2
NAME/KEY: exon
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INFORMATION: exon V2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: 217671..217764
OTHER INFORMATION: exon V1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION: exon V4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION: 238715..238919
OTHER INFORMATION: exon V3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OCHER INFORMATION: EXON WAME/KEY: eXON
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OTHER INFORMATION: exon S
NAME/KEY: exon
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OTHER INFORMATION: exon T
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INFORMATION: exon U
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INFORMATION: exon V
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapiens
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US-09-679-409-1/c
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Zhou, Ping
Ma, Yunqing
Wang, Dunrui
Wang, Zhiwei
John Tillinghast
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APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
APPLICANT: Ren, Feiyan
APPLICANT: Chen, Reiyan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 69.4<sup>3</sup>
Matches 59; Conservative
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Wang, Jian-Rui
                                                                                                                                                                                                                                                                                                                                                      Kue, Aidong J
                                                                                                                                                                                                                                                                                                                     Zhao, Qing A.
Wehrman, Tom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; NAME/KEY: CDS
; LOCATION: (98)..(2563)
US-09-620-312D-475
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
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APPLICANT:
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APPLICANT:
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OTHER INFORMATION: 8-282-345 : polymorphic base G or C NAME/KEX: allele
LOCATION: 210964
OTHER INFORMATION: 8-282-260 : polymorphic base G or T
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OTHER INFORMATION: 8-278-289 : polymorphic base C or T
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OTHER INFORMATION: 8-295-125 : polymorphic base C or
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                                                      : polymorphic base
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LOCATION: 208960
OTHER INPORMATION: 8-287-249:
NAME/KEY: allele
LOCATION: 209123
OTHER INFORMATION: 8-287-86:
NAME/KEY: allele
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LOCATION: 210979
OTHER INFORMATION: 8-282-245 :
NAME/KEY: allele
LOCATION: 211050
OTHER INFORMATION: 8-282-174 :
NAME/KEY: allele
LOCATION: 211132
OTHER INFORMATION: 8-282-92 :: F
                                                                NAME/KEY: allele
LOCATION: 206545
OTHER INFORMATION: 8-292-198 :
NAME/KEY: allele
LOCATION: 207313
OTHER INFORMATION: 8-251-322 :
                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: allele
LOCATION: 210361
COTHER INFORMATION: 8-283-278:
NAME/KEY: allele
LOCATION: 210463
COTHER INFORMATION: 8-283-176:
NAME/KEY: allele
LOCATION: 210466
COTHER INFORMATION: 8-283-153:
NAME/KEY: allele
LOCATION: 210466
COTHER INFORMATION: 8-283-153:
NAME/KEY: allele
LOCATION: 210583
COTHER INFORMATION: 8-283-56:
NAME/KEY: allele
               NAME/KEY: allele
LOCATION: 206064
OTHER INFORMATION: 8-293-130
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OTHER INFORMATION: 8-281-299
NAME/KEY: allele
LOCATION: 211366
OTHER INFORMATION: 8-281-248
                                                                                                                                                                           NAME/KEY: allele
LOCATION: 208285
OTHER INFORMATION: 8-289-322
                                                                                                                                                                                                                                                                                                                                                             LOCATION: 209631
OTHER INFORMATION: 8-285-319
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LOCATION: 212520
OTHER INFORMATION: 8-279-197
NAME/KEY: allele
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OTHER INFORMATION: 8-281-367
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Best Local Similarity
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US-09-066-663A-70/c

; Sequence 70, Application US/09086663A
; Patent No. 6518063
; GENERAL INFORMATION:
; APPLICANT: DUCY, PATRICIA
; APPLICANT: USCY, PATRICIA
; APPLICANT: USCS22C
; FILE REFERENCE: UTSC:525
; CURRENT APPLICATION NUMBER: US/09/086,663A
; CURRENT FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: 60/080,189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Drmarac, Radoje T.
ITILE OF INVENTION: Dolypeptides
TITLE OF INVENTION: Dolypeptides
FILE REPERENCE: 784CIP2B
CURRENT APPLICATION NUMBER: US/09/620,312B
CURRENT PILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1105
SOFTWARE: PF. E. Genes Version 1.0
SEQ ID NO 4 PF. E. Genes Version 1.0
                                                31107 AAACCTAFFFFFFFAGAFFFFFAGGGGCFFGGAAAFCC 31071
84 AAAGGCATTTGCTCACGGTTCCAGAAGCTGTAGGTTC 120
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Sequence 475, Application US/09620312D

; Patent No. 6569662

; GENERAL INFORMATION:
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31167 İGTATTAĞICIÇITIĞĞÇIĞÇĞATAATAAATAAÇACTGIÇIĞĞGIĞĞÇITĞAAÇAR 31108

24 TGGATCAGTTTCCTAGGCTGCCATAACAAAGCACCATAACCTGGTGGCTTAGAACAATGG

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US-09-086-663A-1/c

is Sequence 1, Application US/09086663A

patent NO. 6518063

GENERAL INFORMATION:
APPLICANT: DUCY, PATRICIA
APPLICANT: RARSENTY, GERARD
TITLE OF INVENTION: OSF2/CBFA1 COMPOSITIONS AND METHODS OF USF
TILE REFERENCE: UTSC:525
CURRENT PALICATION NUMBER: US/09/086,663A
CURRENT FILING DATE: 1998-05-29
PRIOR APPLICATION NUMBER: 60/080,189
PRIOR APPLICATION NUMBER: 60/080,189
PRIOR APPLICATION NUMBER: 60/080,189
PRIOR PELICATION NUMBER: 60/080,189
PRIOR PELING DATE: 1998-03-24
NUMBER OF SEQ ID NOS: 83
SOFTWARE: PATENTIN VEY: 2.1
SEQ ID NO 1
LUNGTH: 3334
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CTHER INFORMATION: Description of Artificial Sequence: Synthetic
CTHER INFORMATION: Primer
US-09-086-663A-70
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PRIOR FILING DATE: 1998-03-24
PRIOR APPLICATION NUMBER: 60/048,430
PRIOR FILING DATE: 1997-05-29
NUMBER OF SEQ ID NOS: 83
SOFTWARE: PALENTIN Ver. 2.1
SEQ ID NO 70
LENGTH: 2294
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ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 79.73
Matches 51, Conservative
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Sequence 3, Appli
Sequence 1, Appli
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Sequence 11, Appl
Sequence 16, Appl
Sequence 17, Appl
Sequence 17, Appl
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'cgm2_6/ptodata/2/ina/5A_COMB.seq:*

'cgm2_6/ptodata/2/ina/5B_COMB.seq:*

'cgm2_6/ptodata/2/ina/6B_COMB.seq:*

'cgm2_6/ptodata/2/ina/6B_COMB.seq:*

'cgm2_6/ptodata/2/ina/B_COMB.seq:*

'cgm2_6/ptodata/2/ina/PcTUS_COMB.seq:*

'cgm2_6/ptodata/2/ina/PcTUS_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-08-591-697-8

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US-09-491-356C-16

US-09-491-356C-16

US-09-491-356C-17

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US-09-491-356C-1

US-09-491-356C-1

US-09-491-356C-1

US-09-491-356C-1

US-09-491-356C-1

US-09-620-312D-475

US-09-491-356C-1

US-09-041-886-12

US-09-181-885-1

US-09-181-885-1

US-09-181-885-1

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Maximum Match 100%
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US-09-043-303-12 US-09-043-303-7 US-09-12-13-12 US-09-12-13-15 US-08-145-617-5 US-08-145-617-3 US-08-185-432-3 US-08-185-432-1 US-08-185-432-1 US-08-185-432-1 US-09-1318-1 US-09-091-356C-15 US-09-091-356C-15 US-09-125-635-9 US-09-125-635-9 US-09-125-635-9 US-09-125-635-9 US-09-125-635-9 US-09-125-635-9 US-09-125-635-9 US-09-125-635-9 US-09-125-635-9 US-09-125-635-9 US-09-125-635-1 US-09-125-635-9 US-09-125-635-9 US-09-125-635-9	ALIGNWENTS Thod and Kit cotide Repeat /253,691 -6,278		CCATGAGAAAA SC 927B Tence Encoding Gene and Uses
78 3 6835 1 6835 1 379 1 3771 1 5063 1 7257 4 7257	691-3/C 3. Application US/0925369. 1NFORMATION. INFORMATION. F INVENTION: Using Trinucler INVENTION: Using Trinucler INVENTION: Using Trinucler INVENTION: Using Trinucler INVENTION: Using Trinucler INVENTION: Using Trinucler INVENTION: UNMER: KR 98-FILING DATE: 1996-02-26 FILING DATE: 1996-0	1arity 58.9% Conservative GCTGCTGCTGCCGC GTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGC	cation US/08531 100: Kizuka, Akira Kizuka, Akira TION: Disease TION: Disease FENCES: 23 : ADDRESS:
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Pred. No. 0.0018;
0; Mismatches 12; Indels
                                                                                 19; Indels
          Score 47.6; DB 4;
Pred. No. 0.0011;
0; Mismatches 19;
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                        Query Match
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Matches 59; Conserv
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APPLICANT: The Trustees of Columbia University
APPLICANT: Andel, Exic
TITLE OF INFORMATION: Brain Cyclic Nucleotide Gated Ion Channel and Uses Thereof
FILE REPERENCE: 0575/54806
CURRENT APPLICATION NUMBER: US/08/997,685A
CURRENT PILING DATE: 1997-12-12
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         785 TGTACTCTTACAATACGCTGCTGCTGCTGCCGCCGTCGTTGTTGTGGCTGCAACTGCTGC 844
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                                                                                                                     COMPUTER READABLE FORM:

MEDIUM TYPE Flopped disk

MEDIUM TYPE Flopped disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/531,927B

FILING DATE: 21.5EP-1995

CLASSIFICATION NUMBER: JP H6-251600

FILING DATE: 12.5EP-1994

ATTORNEY/AGENT INFORMATION:

NAME: Granahan, Patricia

REGISTRATION NUMBER: 32,227

REFERENCE/DOCKET NUMBER: 32,227

REFERENCE/DOCKET NUMBER: 37,227

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELEFRANCE 617-861-6540
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; Sequence 1, Application US/08997685A
; Patent No. 6551821
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 325 base pairs
TYPE: nucleic acid
STRANDENSS: single
TOPOLOGY: linear
FEATURE:
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 57.8%;
Matches 100; Conservative
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Massachusetts
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LOCATION:
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LENGTH: 2733
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US-08-531-927B-3
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US-09-491-356C-13/C

i Sequence 13, Application US/09491356C

i Sequence 13, Application US/09491356C

i Requence 13, Application US/09491356C

j Patent No. 656661

j GENERAL INFORMATION:

i APPLICANT: Philabert, Robert A.

APPLICANT: Delisi, Lynn

i TITLE OF INVENTYON: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XO13

TITLE OF INVENTYON: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XO13

FILE REPERENCE: 9465.6USI

CURRENT FILING DATE: 1999-04-29

PRIOR APPLICATION NUMBER: ECT/US99/09365

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR APPLICATION NUMBER: 60/083,465

i PRIOR APPLICATION NUMBER: 60/083,465

j PRIOR SEQ ID NOS: 24

j SOFTWARE: PatentIn version 3.1

t TEMPORE: 250 ID NO 13

t TEMPORE: 250 ID NO 13

t TEMPORE: 250 ID NO 13
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Sequence 14, Application US/09491356C

Patent No. 6566061

GENERAL INFORMATION:
APPLICANT: Philibert, Robert A.
APPLICANT: Ginns, Lyan
TITLE OF INVENTION: DENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
FILE REFERENCE: 9465.0US1

FILE REPERENCE: 9465.0US1

CURRENT APPLICATION NUMBER: US/09/491,356C

CURRENT FILING DATE: 1999-04-29

PRIOR PILING DATE: 1999-04-29

PRIOR PLING DATE: 1999-04-29

PRIOR PLING DATE: 1999-04-29

NUMBER OF SEQ ID NOS: 24

SOFTWARE: Patentin version 3.1

SEQ ID NO 14

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Sequence 2, Application US/09491356C Patent No. 6566061
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Best Local Similarity 81.2%;
Matches 52; Conservative (
                                                                   Query Match 3.8%
Best Local Similarity 81.2%
Matches 52; Conservative
      ; ORGANISM: Homo sapiens
US-09-491-356C-17
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APPLICANT: Philibert, Robert A.
APPLICANT: Philibert, Robert A.
APPLICANT: Philibert, Robert A.
APPLICANT: Philibert, Robert A.
APPLICANT: Philibert, Robert A.
TITLE ON INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
TITLE OF INVENTION: 1DENTIFICATION NUMBER: 9465.6031.
CURRENT APPLICATION NUMBER: PCT/US99/09365
PRIOR APPLICATION NUMBER: 60/083,465
PRIOR APPLICATION NUMBER: 60/083,465
PRIOR FILING DATE: 1998-04-29
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:

APPLICANT: Philibert, Robert A.

APPLICANT: Philibert, Robert A.

APPLICANT: Belisi, Lynn

ITTLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13

FILE REFERENCE: 9465.6US11

CURRENT APPLICATION NUMBER: US/09/491,356C

CURRENT FILING DATE: 1999-04-29

PRIOR APPLICATION NUMBER: EQT/US99/09365

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR FILING DATE: 1998-04-29

NUMBER OF SEQ ID NOS: 24

SOFTWARE: Patentin version 3.1

SEQ ID NO 17

LENGTH: 265

TYPE: DNA
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                                      Query Match 3.8%; Score 44.8; DB 4; Length 265; Best Local Similarity 81.2%; Pred. No. 0.0018; Matches 52; Conservative 0; Mismatches 12; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
3.8%; Score 44.8; DB 4; Length 265;
Best Local Similarity 81.2%; Pred. No. 0.0018;
Matches 52; Conservative 0; Mismatches 12; Indels
                                                                                                                                                                                                                                                                                                                                                                Sequence 16, Application US/09491356C Patent No. 6566061
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Sequence 17, Application US/09491356C
Patent No. 6566061
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; ORGANISM: Homo sapiens
US-09-491-356C-16
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US-09-491-356C-16/c
US-09-491-356C-14
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Sequence 18, Application US/09491356C

Sequence 18, Application US/09491356C

GENERAL INFORMATION:

APPLICANT: Philibert, Robert A.

APPLICANT: Ginns, Edward I.

APPLICANT: Delisi, Jun

TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13

FILE REPERENCE: 9465.6US11

CURRENT APPLICATION NUMBER: DCT/US99/09365

PRIOR APPLICATION NUMBER: PCT/US99/09365

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR APPLICATION NUMBER: 60/083,465

NUMBER: OF SEQ ID NOS: 24

SEQ ID NOS: 24

SEQ ID NO 18
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APPLICANT: Philibert, Robert A.
APPLICANT: Philibert, Robert A.
APPLICANT: Philibert, Robert A.
APPLICANT: Dailsi, Lynn
ITILE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
FILE REFERENCE: 9465.6US11
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT APPLICATION NUMBER: PCT/US99/09365
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
LENGTH: 6794
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3.8%; Score 44.8; DB 4;
81.2%; Pred. No. 0.0018;
tive 0; Mismatches 12;
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Pred. No. 0.0018;
0; Mismatches 12;
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Gaps

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Indels

12;

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81.2%; Pred. No. 0.043;
tive 0; Mismatches
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Ma, Yunqing
Wang, Dunrui
Wang, Zhiwei
John Tillinghast
                                                                                                                                                                                                                                                                                                                                            Patent No. 6569662
GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
APPLICANT: Zhang, Jie
APPLICANT: Chen, Rui-hong
APPLICANT: Chen, Rui-hong
APPLICANT: Wehrman, Tom
APPLICANT: Xue, Aidong J.
APPLICANT: Yang, Yonghong
APPLICANT: Yang, Yonghong
APPLICANT: Yang, Yonghong
APPLICANT: Yang, Yonghong
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Best Local Similarity 69.4<sup>1</sup>
Matches 59; Conservative
                          52; Conservative
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; LOCATION: (98)..(2563)
US-09-620-312D-475
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Best Local Similarity
Matches 52; Conserv
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APPLICANT:
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APPLICANT:
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APPLICANT: Philibert, Robert A.
APPLICANT: Ginns, Edward I.
APPLICANT: Ginns, Gward I.
APPLICANT: Ginns, Gward I.
APPLICANT: Ginns, Gward I.
APPLICANT: Delisi, Lyun
TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
FILE REPERBNCE: 9465.6USI
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT FILING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: 60/093,465
PRIOR APPLICATION NUMBER: 60/093,465
PRIOR PILING DATE: 1999-04-29
NUMBER OF SEQ ID NOS: 24
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                                                                                                                                                                                         801 GCTGCTGCTGCTGCCGCCGTCGTTGTTGTGCCAACTGCTGCTGCTGCTGTTGTTTCT
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                                                                                              Score 44.8; DB 4; Length 6794;
Pred. No. 0.012;
0; Mismatches 17; Indels 0;
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LOCATION: (838). (838)
OTHER INFORMATION: n is not determined
NAME/KEY: misc feature
LOCATION: (16728). (16728)
OTHER INFORMATION: n is not determined
NAME/KEY: misc feature
LOCATION: (22750). (22750)
OTHER INFORMATION: n is not determined
LOCATION: (22756). (22750)
OTHER INFORMATION: n is not determined
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LOCATION: (28519).
OTHER INFORMATION: n is not determined
NAME/KEY: misc_feature
LOCATION: (44804)..(44804)
OTHER INFORMATION: n is not determined
NAME/KEY: misc_feature
LOCATION: (45002)..(45002)
OTHER INFORMATION: n is not determined
NAME/KEY: misc_feature
LOCATION: (45002)..(45002)
OTHER INFORMATION: n is not determined
NAME/KEY: misc_feature
LOCATION: (540049)
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OTHER INFORMATION: n is not determined
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LOCATION: (485)..(485)
OTHER INFORMATION: n is not determined
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SEQ ID NO 1
LENGTH: 55298
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ilarity 76.4%;
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           ; TYPE: DNA; ORGANISM: Homo sapiens
US-09-491-356C-2
                                                                                                   Query Match
Best Local Similarity
Matches 55; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 10
US-09-491-356C-1/c
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3.8%; Score 44.8; DB 4; Length 55298;

Query Match

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801 GCTGCTGCTGCCGCCGTCGTTGTTGTGCCTGCAACTGCTGCTGCCGTTGTTTCT
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TITLE OF INVENTION: No. 6569662el Nucleic Acids and
TITLE OF INVENTION: No. 9659662el Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIP2B
CURRENT APPLICATION NUMBER: US/09/620,312D
CURRENT FILING DATE: 2000-07-19
PRIOR FILING DATE: 2000-04-25
PRIOR FILING DATE: 2000-01-21
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US-09-620-312D-475/c
; Sequence 475, Application US/09620312D
"> Sequence 175, Application US/09620312D
"> Sequence 175, Application US/09620312D
"> Sequence 175, Application US/09620312D
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US-09-086-663A-70/c
; Sequence 70, Application US/09086663A
; Patent No. 6518063
; GENERAL INFORMATION:
; APPLICANT: DUCY, PATRICIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 1105
SOFTWARE: pt_FL_genes Version 1.0
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0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 77.6%;
Matches 52; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6121 GCTGTTG 6115
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                                                   US-09-491-356C-7/c
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US-08-531-927B-1/c
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APPLICANT: KARSENTY, GERARD

TITLE OF INVENTION: OSF2/CBFA1 COMPOSITIONS AND METHODS OF USE
FILE REPREBLCE: UTSC:252
CURRENT TELING DATE: 1998-05-29
CURRENT FILING DATE: 1998-03-24
PRIOR APPLICATION NUMBER: 60/080,189
PRIOR FILING DATE: 1998-03-24
PRIOR FILING DATE: 1998-03-24
PRIOR FILING DATE: 1997-05-29
NUMBER OF SEQ ID NOS: 83
SEQ ID NO 70
LENGTH: 2294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INPORMATION:

APPLICANT: DUCY, PATRICIA

APPLICANT: DUCY, PATRICIA

APPLICANT: DUCY, PATRICIA

APPLICANT: MAGENTY, GERAED

TITLE OF INVENTION: OSE2/CBFA1 COMPOSITIONS AND METHODS OF USE

FILE REFERENCE: UTSC:525

CURRENT FILING DATE: 1998-05-29

PRIOR APPLICATION NUMBER: 60/080,189

PRIOR APPLICATION NUMBER: 60/080,189

PRIOR APPLICATION NUMBER: 60/048,430

PRIOR PRIOR DATE: 1998-03-24

PRIOR PRIOR PELING DATE: 1998-03-24

PRIOR PRIOR PELING DATE: 1998-03-24

SPETUMER: PAEDITON NUMBER: 60/048,430

PRIOR PRIOR PELING DATE: 1998-03-29

NUMBER OF SEQ ID NOS: 83

SOFTWARE: PAEDITING DATE: 2.1

SEQ ID NO 1

LEMETH: 3334
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US-09-086-663A-1

    i LUCATION: (1)...(1644)
    i OTHER INFORMATION: Description of Artificial Sequence: Synthetic
    i OTHER INFORMATION: Primer
    US-09-086-663A-70

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0
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Pred. No. 0.019;
0; Mismatches 13; Indels 0
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79.7%; Pred. No. 0.024;
Live 0; Mismatches 13; Indels 0
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                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 3.7%;
Best Local Similarity 79.7%;
Matches 51; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
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NAME/KEY: CDS
LOCATION: (1).
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Sequence 7, Application US/09491356C

Patent No. 656601

GENERAL INPORMATION:
PAPLICANT: Philibert, Robert A.
APPLICANT: Paliabert, Robert A.
APPLICANT: Balisi, Lynn
TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
FILE REFERENCE: 9465.6USII
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT APPLICATION NUMBER: PCT/US99/09365
PRIOR FILING DATE: 1999-04-29
PRIOR FILING DATE: 1999-04-29
NUMBER OF SEQ ID NOS: 24
NUMBER OF SEQ ID NOS: 24
SOUTHWARE: Patentin version 3.1
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Pred. No. 0.041;
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Sequence 1, Appli
Sequence 13, Appl
Sequence 14, Appl
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1, Appli
475, App
70, Appl
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7, Appli
12, Appli
12, Appli
1, Appli
2, Appli
12, Appli
12, Appli
7, Appli
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                                                 August 6, 2004, 02:24:00 ; Search time 91.8225 Seconds
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.: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
.: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
.: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
.: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
.: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-491-356C-18

US-09-491-356C-1

US-09-491-356C-1

US-09-68-663A-70

US-09-086-663A-70

US-09-086-663A-1

US-09-086-663A-1

US-09-081-356C-7

US-09-081-356C-7

US-09-081-356C-7

US-09-181-585-1

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US-09-475-515-46
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                                                                                                                                                                                                              Post-processing: Minimum Match 08
Maximum Match 1008
Listing first 45 summaries
                              OM nucleic - nucleic search, using sw model
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Gapop 10.0 , Gapext 1.0
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seq length: 200000000
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Perfect score:
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Sequence 12, Appli Sequence 7, Appli Sequence 5, Appli Sequence 3, Appli Sequence 3, Appli Sequence 12, Appli Sequence 11, Appli Sequence 11, Appli Sequence 12, Appli Sequence 13, Appli Sequence 78, Appli Sequence 78, Appli Sequence 14, Appli Sequence 16, Appli Sequence 17, Appli Sequence 17, Appli Sequence 17, Appli Sequence 17, Appli Sequence 17, Appli Sequence 17, Appli Sequence 17, Appli Sequence 17, Appli Sequence 11, Appli Sequence 11, Appli	Neuropsychiatric Diseases equence	Length 397; Indels 0; Gaps 0; CTGCTGCTGTTGTTTTCT 867	Machado-Joseph eof ', P.C.
US-09-043-303-12 US-09-043-303-12 US-09-125-635-1 US-09-121-383-5 US-08-185-432-3 US-08-185-432-1 US-08-185-432-1 US-08-191-3E-1 US-09-091-042A-1 US-09-091-042A-1 US-09-125-635-9 54-96550-5 54-96550-5 54-96550-5 US-09-125-635-9 US-09-125-635-9 US-09-125-635-9 US-09-125-635-9 US-09-125-635-9 US-09-125-635-9	ALIGNMENTS 3691 : Method and Kit for ucleotide Repeats Se //09/253,691 2 2 2 9 6 6 6 cows	4.4%; Score 51.8; DB 3; Length 397; Conservative 0; Mismatches 62; Indels 0; Gaps GCTGCTGCTGCTGCCGTCGTTGTTGTTGTTCTGTGCTGCT	77B nnce Encoding the ene and Uses Ther Smith & Reynolds
8 6 7 7 8 9 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	S/0925369 nostic Me 3 Trinucl ER: US/09 9-02-2 8-02-2 8-02-2 1-02-26	4.4%; 8.9%; ve CCGCCC CTGCTC AAGAGG TGAGAC TGAGAC TGAGAC	3 S A A S E
78 6835 8835 373 374 377 257 2156 4621 4621 2674 10348	on Ug JIN Diagr Using (/36 NUMBE 1996 1996 1996	SB vativo GCTGC GLI GCTGC GAAAA GCTTT	ation US// ON: izuka, Ak: ION: DNA ION: Diss NCES: 23 ADDRESS:
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4444 4444	691-3, Ag 3, Ag No. 611, No. 611, No. 611, No. 611, No. 611, No. 611, No. 691-3, No. 691	4 0 8 8 9 5 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	127B-3/c 3, Appl 1. S8404 INFORMA INFORMA INFORMA OF INF CF INVE CF SEQ IPONDENC
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Sequence 14, Application US/09491356C
; Sequence 14, Application US/09491356C
; Sequence 14, Application US/09491356C
; General INFORMATION:
; APPLICANT: Philibert, Robert A.
; APPLICANT: Delisi, Lynn
; APPLICANT: Delisi, Lynn
; APPLICANT: Delisi, Lynn
; TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
; TITLE OF INVENTION: IDENTIFICATION NUMBER: US/09/491,356C
; CURRENT APPLICATION NUMBER: DCT/US99/09365
; PRIOR PRILING DATE: 1999-04-29
; PRIOR FILING DATE: 1998-04-29
; NUMBER OF SEQ ID NOS: 24
; SPEQ ID NO 14
; SEQ ID NO 14
; SEQ ID NO 14
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US-09-491-356C-13/C

US-09-491-356C-13/C

Sequence 13, Application US/09491356C

Sequence 13, Application US/09491356C

Retent No. 6566061

GENERAL INFORMATION:
APPLICANT: Philibert, Robert A.
APPLICANT: Delist, Lynn

TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13

FILE REPERENCE: 9465-64051

CURRENT APPLICATION NUMBER: US/09/491,356C

CURRENT FILING DATE: 1999-04-29

PRIOR FILING DATE: 1998-04-29

NUMBER OF SEQ ID NOS: 24

SEQ ID NO 13.1

LENGTH: 253
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     DB 4; Length 2733;
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Pred. No. 0.0031;
0; Mismatches 12; Indels
     Score 47.6; DB 4; Length 2 Pred. No. 0.0018; 0; Mismatches 19; Indels
                                                                                                                                                                                          2224 GCTGCTGCTGAGTCTGAG 2207
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       4.1%;
ilarity 75.6%;
Conservative
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Best Local Similarity 81.29
Matches 52; Conservative
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           Query Match
Best Local Similarity
Matches 59; Conserv
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GENERAL INFORMATION:
GENERAL THORMATION:
GENERAL THORMATION:
APPLICANT: The Trustees of Columbia University
APPLICANT: The Trustees of Columbia University
APPLICANT: Exic
APPLICANT: Exic
APPLICANT: Exic
FILE REFERENCE: 0575/5406
FILE REFERENCE: 0575/5406
CURRENT APPLICATION NUMBER: US/08/997,685A
CURRENT FILING DATE: 1997-12-12
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                792 TGTACTCTTACAATACGCTGCTGCTGCTGCCGCCGTCGTTGTTGTGGGCTGCAACTGCTGC 851
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                                                              Score 48.2; DB 2;
Pred. No. 0.00038;
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; Sequence 1, Application US/08997685A
; Patent No. 6551821
                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 3.25 Dase pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 57.8%;
Matches 100; Conservative
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Two Militia Drive
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Massachusetts
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; LENGTH: 2733
; TYPE: DNA
; ORCANISM: mouse
US-08-997-685A-1
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LOCATION:
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                                                        COUNTRY:
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## Sequence 18, Application US/09491356C
## Patent No. 6566061
## Patent No. 6566061
## Patent No. 6566061
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## Patent No. 6566061
## Patent No. 6566061
## Patent No. 6566061
## Patent No. 6566061
## Patent No. 656061
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## Patent No. 656061
## Patent No. 656061
## Patent Application Number: US/09/491,356C
## CURRENT PATING DATE: 1999-04-29
## PRIOR PATING DATE: 1999-04-29
## PRIOR PATING DATE: 1998-04-29
## PRIOR PATING DATE: 1998-04-29
## NUMBER OF SEQ ID NOS: 24
## SOFTWARE PatentIn version 3.1
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; Batent No. 656601
; Batent No. 656601
; Batent No. 656601
; APPLICANT: Philibert, Robert A.
; APPLICANT: Philibert, Robert A.
; APPLICANT: Polisie, Lynn
; TTLE OF INVENTION: LDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
; TILE REFERENCE: 9465.6US11
; CURRENT PILING DATE: 2000-01-26
; PRIOR FILING DATE: 1999-04-29
; PRIOR FILING DATE: 1999-04-29
; PRIOR FILING DATE: 1998-04-29
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2
LENGTH: 6794
                                                                                                                                                                                                                      808 GCTGCTGCTGCCGCCGTCGTTGTTGTGCCTGCAACTGCTGCTGCCGTTGTTGTTTCT
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                                                                                         3.8%; Score 44.8; DB 4; Length 265;
81.2%; Pred. No. 0.0032;
tive 0; Mismatches 12; Indels
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3.8%; Score 44.8; DB 4;
Best Local Similarity 81.2%; Pred. No. 0.0032;
Matches 52; Conservative 0; Mismatches 12;
                                                                                   Query Match
Best Local Similarity 81.2<sup>3</sup>
Matches 52; Conservative
               ; ORGANISM: Homo sapiens
US-09-491-356C-17
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US-09-491-356C-18
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Sequence 16, Application US/09491356C

GENERAL INFORMATION:

APPLICANT: Bilibert, Robert A.

APPLICANT: Ginns, Edward I.

APPLICANT: Ginns, Lynn

TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13

FILE REFERENCE: 9465.GUS11

CURRENT APPLICATION NUMBER: US/09/491,356C

PRIOR APPLICATION NUMBER: PCT/US99/09365

PRIOR APPLICATION NUMBER: PCT/US99/09365

PRIOR APPLICATION NUMBER: PCT/US99/09365

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR APPLICATION NUMBER: 60/083,465

NUMBER OF SEQ ID NOS: 24

SEQ ID NO 16

LENGTH: 265
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Sequence 17, Application US/09491356C

Sequence 17, Application US/09491356C

Patent No. 6566061

GENERAL INPORMATION:

APPLICANT: Philibert, Robert A.

APPLICANT: Ginns, Edward I.

APPLICANT: Delisi, Lynn

ITILE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13

FILE REPERENCE: 9465.60511

CURRENT APPLICATION NUMBER: US/09/491,356C

PRIOR APPLICATION NUMBER: 607/0899/09365

PRIOR FILING DATE: 1999-04-29

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/083,465

PRIOR APPLICATION NUMBER: 60/083,465

NUMBER OF SEQ ID NOS: 24

SOFTWARE: Patentin version 3:1

LENGTH: 265

TYPE: DNA
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3.8%; Score 44.8; DB 4; Length 265;
Best Local Similarity 81.2%; Pred. No. 0.0032;
Matches 52; Conservative 0; Mismatches 12; Indels
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ORGANISM: Homo sapiens
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APPLICANT: Wang, Dunrui
APPLICANT: Wang, Dunrui
APPLICANT: Wang, Zhiwei
APPLICANT: John Tillighast
APPLICANT: John Tillighast
APPLICANT: John Tillighast
APPLICANT: John Tillighast
TITLE OF INVENTION: No. 656962el Nucleic Acids and
TITLE OF INVENTION: No. 656962el Nucleic Acids and
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TITLE OF INVENTION: NO. 656962el Nucleic Acids and
TITLE OF INVENTION NUMBER: US/09/620,312D
CURRENT FILING DATE: 2000-04-25
PRIOR FILING DATE: 2000-04-25
PRIOR FILING DATE: 2000-01-21
WINDER: CONT. NO. 6569662el Nucleic Acids and
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Pred. No. 0.061;
0; Mismatches
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US-09-620-312D-475/c
; Sequence 475, Application US/09620312D
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SOFTWARE: pt_FL_genes Version 1.0
   81.2%;
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Chen, Rui-hong
Zhao, Qing A.
Wehrman, Tom
Xue, Aidong J.
Yang, Yonghong
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      Best Local Similarity 81.2
Matches 52; Conservative
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Liu, Chenghua
Asundi, Vinod
Zhang, Jie
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LENGTH: 3302
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US-09-491-356C-1/C

Sequence 1, Application US/09491356C

Sequence 1, Application US/09491356C

Sequence 1, Application US/09491356C

GENERAL INFORMATION:
APPLICANT: Philibert, Robert A.
TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13

FILE REFERENCE: 9465.6USII.
CURRENT APPLICATION NUMBER: US/09/491,356C

CURRENT APPLICATION NUMBER: PCT/US99/09365

PRIOR PILING DATE: 1999-04-29

PRIOR FILING DATE: 1999-04-29

PRIOR FILING DATE: 1999-04-29

PRIOR FILING DATE: 1999-04-29

NUMBER OF SEQ ID NOS: 24

NUMBER OF SEQ ID NOS: 24
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LOCATION: (485).
OTHER INFORMATION: n is not determined
OTHER INFORMATION: n is not determined
LOCATION: (838)...(838)
OTHER INFORMATION: n is not determined
LOCATION: (16728)..(16728)
OTHER INFORMATION: n is not determined
NAMP/KEY: misc_feature
LOCATION: (22750)..(22750)
OTHER INFORMATION: n is not determined
CATION: (22750)..(22750)
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LOCATION: (54049) ..(54049)
OTHER INFORMATION: n is not determined
NAME/KEY: misc_feature
LOCATION: (54226) ..(54226)
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LOCATION: (22756)..(22756)
OTHER INFORMATION: n is not determined
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LOCATION: (28519)..(28519)
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LOCATION: (44804)..(44804)
OTHER INFORMATION: n is not determined
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LOCATION: (45002)..(45002)
OTHER INFORMATION: n is not determined
                                                                                                                                         Query Match 3.8%;
Best Local Similarity 76.4%;
Matches 55; Conservative
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                   ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-491-356C-2
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LENGTH: 55298
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Query Match

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TYPE: DNA ORGANISM: Mus musculus
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US-08-531-927B-1/c
                                                          JS-09-491-356C-7/c
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LENGTH: 6558
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APPLICANT: KARSENTY, GERARD

TITLE OF INVENTION: OSF2/CBFA1 COMPOSITIONS AND METHODS OF USE

FILE REFERENCE: UTGSC: 1525

CURRENT APPLICATION NUMBER: US/09/086,663A

CURRENT FILING DATE: 1998-05-29

PRIOR FILING DATE: 1998-03-24

PRIOR FILING DATE: 1997-05-29

PRIOR PILING DATE: 1997-05-29

NUMBER OF SEQ ID NOS: 83

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 70

LENGTH: 2294

TYPE: DNA

ORGANISM: Artificial Sequence
FATURE:

NAME/KEY: CDS

LOCATION: (1)...(1644)

OTHER INPORMATION: Primer

US-09-086-663A-70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 1, Application US/09086663A;
Sequence 1, Application US/09086663A;
GENERAL INFORMATION:
APPLICANT: DUCY, PATRICIA
TILE OF INVENION: OSF2/CBFA1 COMPOSITIONS AND METHODS OF USE
FILE REFERENCE: UTSC::25
CURRENT APPLICATION NUMBER: US/09/086,663A;
CURRENT APPLICATION NUMBER: 60/080,189
PRIOR FILING DATE: 1998-03-24
PRIOR FILING DATE: 1998-03-24
PRIOR FILING DATE: 1998-03-24
PRIOR FILING DATE: 1998-03-24
SROW FILING DATE: 1997-05-29
NUMBER OF SEQ ID NOS: 83
SOFTWARE: Datentin Ver. 2.1
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Primer US-09-086-663A-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
3.7%; Score 43.2; DB 4; Length 2294;
Best Local Similarity 79.7%; Pred. No. 0.03;
Matches 51; Conservative 0; Mismatches 13; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 43.2; DB 4; Length 3334;
Pred. No. 0.037;
0; Mismatches 13; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 3.7%;
Best Local Similarity 79.7%;
Matches 51; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           166 GCTG 163
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GENERAL INFORMATION:
APPLICANT: Philibert, Robert A.
APPLICANT: Ginns, Edward I.
APPLICANT: Ginns, Edward I.
APPLICANT: Ginns, Edward I.
TILLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
FILE REFERENCE: 9465.6US1
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT FILING DATE: 2000-01-26
PRIOR FILING DATE: 1999-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
NUMBER OF SEQ ID NOS: 24
SCOFTWARE: PATCHIN UNING SATA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1, Application US/08531927B
Patent No. 5640491
GENERAL INFORMATION:
APPLICANT: KAKIZUKA, Akira
TITLE OF INVENTION: DNA Sequence Encoding the Machado-Joseph
Patent No. 5640491
TITLE OF INVENTION: Disease Gene and Uses Thereof
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 43; DB 4; Length 6558;
Pred. No. 0.062;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C. STREET: Two Militia Drive CITY: Lexington STATE: Massachusetts COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,927B
FILING DATE: 21-SEP-1995
CLASSIFICATION: 435
CLASSIFICATION DATA:
APPLICATION NUMBER: UP H6-251600
FILING DATE: 21-SEP-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 02173-4799
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
Sequence 7, Application US/09491356C Patent No. 6566061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 3.7%;
Best Local Similarity 77.6%;
Matches 52; Conservative
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| TELEFAX: 617-861-9540 | |
| INFORMATION FOR SEQ ID NO: 1 | |
| SEQUENCE CHARACTERISTICS: | |
| ILENGTH: 1776 base pairs | |
| TYPE: nucleic acid | |
| STRANDEDISS: single | |
| TOPOLOGY: linear | |
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Search completed: August 6, 2004, 14:50:24 Job time : 92.8225 secs